

FILE NO.

SERVICE MANUAL

Remote Control Digital Color Television

DP26648 (U.S.A.)
(CANADA)

ORIGINAL VERSION



Chassis No. P26648-00

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

Servicing should be performed by only trained and qualified service personnel.

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Specifications

| | |
|-------------------------------|--|
| POWER RATING | 120VAC 120W (AVG.) |
| ANTENNA INPUT IMPEDANCE | 75Ω UHF/VHF/CATV DIGITAL |
| RECEIVING CHANNEL | 2 - 13 (VHF), 14 - 69 (UHF), 01, 14-94, 95-135 (CATV) 1-135 (DIGITAL) |
| REMOTE READY | 32 KEY REMOTE CONTROL |
| SOUND OUTPUT | 3.0 W/CH |
| INTERMEDIATE FREQUENCY | |
| PICTURE IF CARRIER | 45.75MHz |
| SOUND IF CARRIER | 41.25MHz |
| COLOR SUB CARRIER | 42.17MHz |
| CABINET DIMENSIONS | |
| WIDTH | 665.5mm |
| HEIGHT | 515.6mm |
| DEPTH INCLUDING BASE | 177.8mm |

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING: The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

The following precautions must be observed:

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

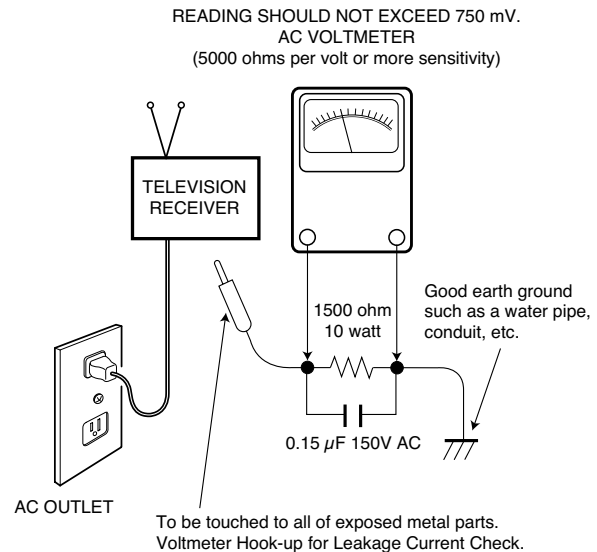
LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 μ F 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

CAUTION: Be sure to remove the wrist strap before applying power to any unit being serviced.

2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

CAUTION: Be sure that no power is applied to the chassis or circuit assembly.

7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpacked) ES devices.

SERVICE ADJUSTMENTS

GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

ON-SCREEN SERVICE MENU SYSTEM

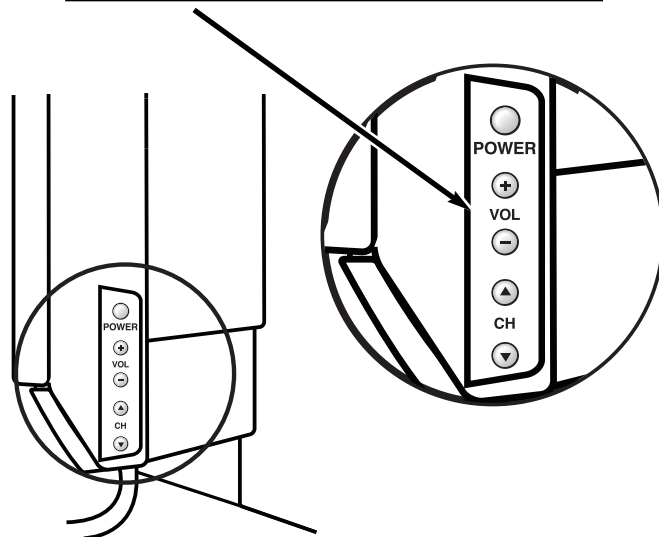
1. Enter the Service Menu:

- Σ Turn off the receiver and disconnect the AC power supply.
- Σ While pressing the Volume (–) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.



Figure 1. Service Menu Display

Volume – : Enter Service Menu



2. Service Adjustments:

- Σ Press the **Channel** ▲ or ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Σ Use the **Volume** + or – key to adjust the data. The + or – keys will increase or decrease the data sequentially.

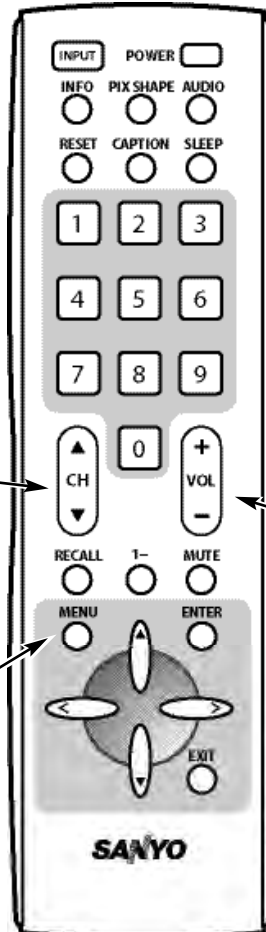
3. Exit from the Service Menu:

- Σ Press the **MENU** key to turn off the Service Menu display.

Channel ▼ ▲:
Select Item

Menu:
Exit Service Menu

Volume + / –:
Adjust Service Menu



ON-SCREEN SERVICE MENU

Table 1. ON-SCREEN SERVICE MENU

When IC801 (EEPROM) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

| No. | Title | Initial Data | Note |
|-----|-------|--------------|-------------------------------|
| 1A0 | MUTE | A0h | Audio mute at Power ON |
| 086 | VOL | 30h | Volume setup inspection |
| 087 | OP1 | 40h | Option 1 Data (HDMI) |
| 088 | OP2 | 08h | Option 2 Data (Display Panel) |
| | | | |
| 101 | 1R00 | 00h | ROM Correction Data |
| 102 | 1R01 | 00h | ROM Correction Data |
| ↓ | ↓ | ↓ | ↓ |
| 197 | 2R47 | 00h | ROM Correction Data |
| 198 | 2R48 | 00h | ROM Correction Data |

- All data except in gray box area is fixed. Do not change for correct operating.
- Data in gray box is initial and can be set according to adjustment information.

PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

Note 1. Option Data 1 (NO. 087 OP1) should be hexadecimal 40. See 087 above. If this program code is wrong the TV will not operate properly.

Note 2. Option Data 2 (NO. 088 OP2) should be hexadecimal 08. See 088 above. If this program code is wrong the TV will not operate properly.

POWER FAILURE CIRCUIT

CPU (IC800) is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to "Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

Power Failure: Detected voltage failure for circuit. (Connected to IC800 pin 32 and pin 23.)

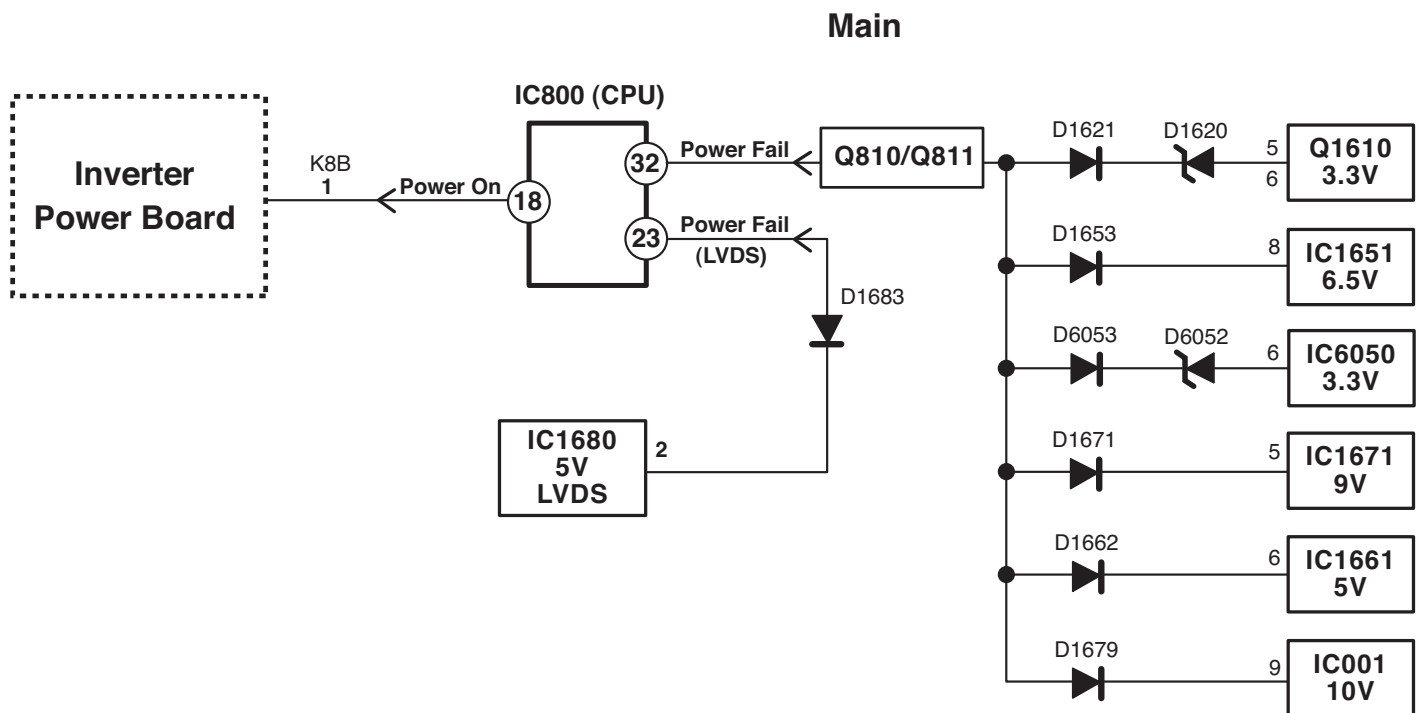
(Normal: High; Failure: Low)

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the CPU will shut off the power within three seconds.

Check the following if the unit is turned off by the power failure detector.

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

Note: If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On. To reset the operating programs of the CPU it is necessary to disconnect the AC cord for a short time.



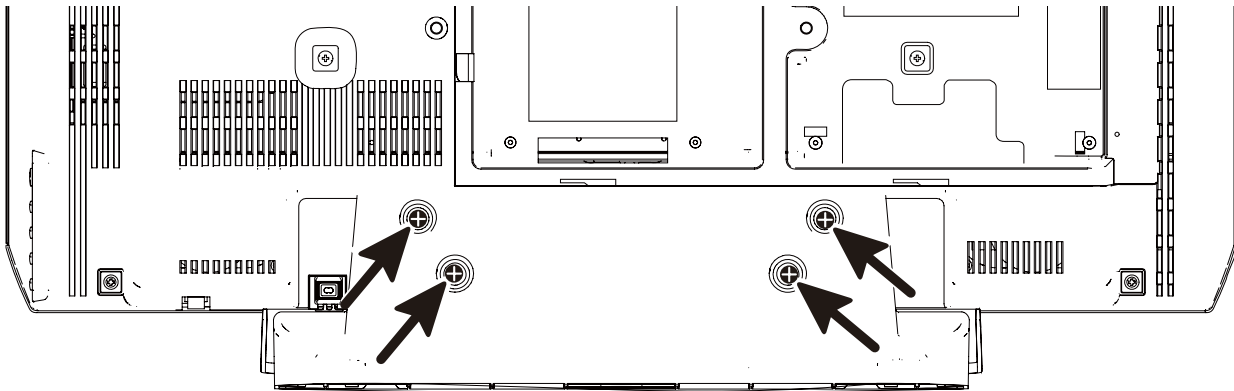
MECHANICAL DISASSEMBLY

ATTENTION

- This LCDTV uses several different kinds of screws. Using the **correct screw** is required to prevent damage.
- The **gaskets** are provided to prevent interference to other radio and television receivers. The gaskets must be returned to their previous positions after servicing.
- Lead wires must be redressed to previous positions after servicing.

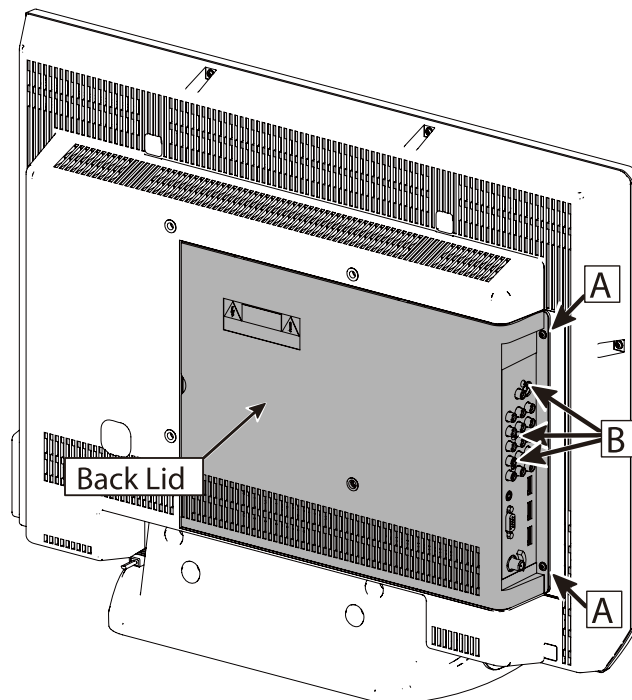
STAND REMOVAL

Position TV face down on a padded or cushioned surface to protect the screen and finish.
Remove 4 screws (6X16) and remove stand.

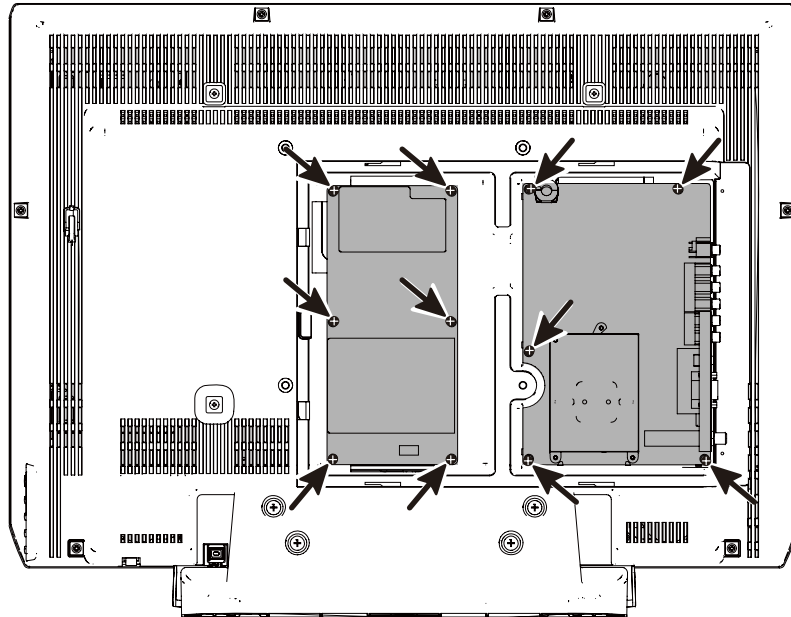


BACK LID REMOVAL

Remove 5 screws to take the back Lid off.
(A:3X14, 2pcs; B:3X8, 3pc;)



POWER AND MAIN BOARD REMOVAL



1: Main Board Removal

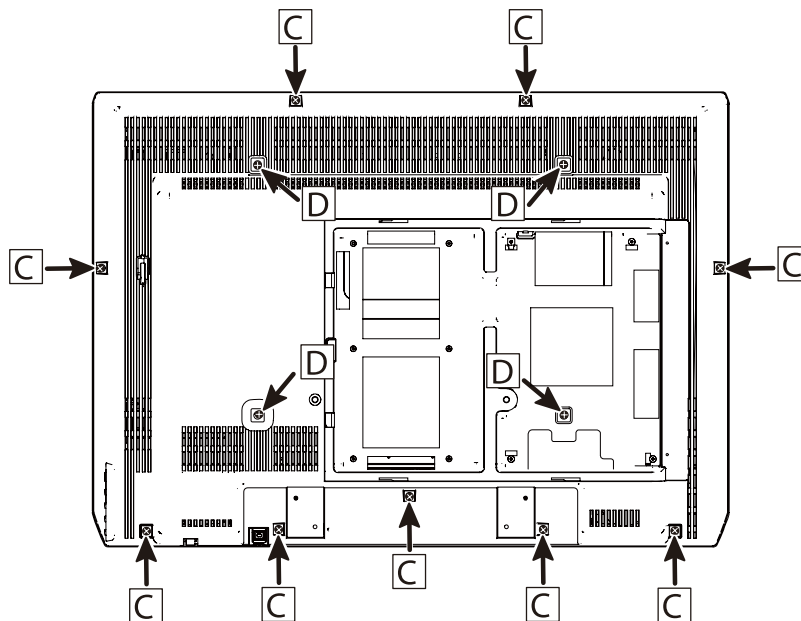
Remove 5 screws (3X14) to take the main board off.

2: Power Unit Removal

Remove 6 screws (3X14) to take the power unit off

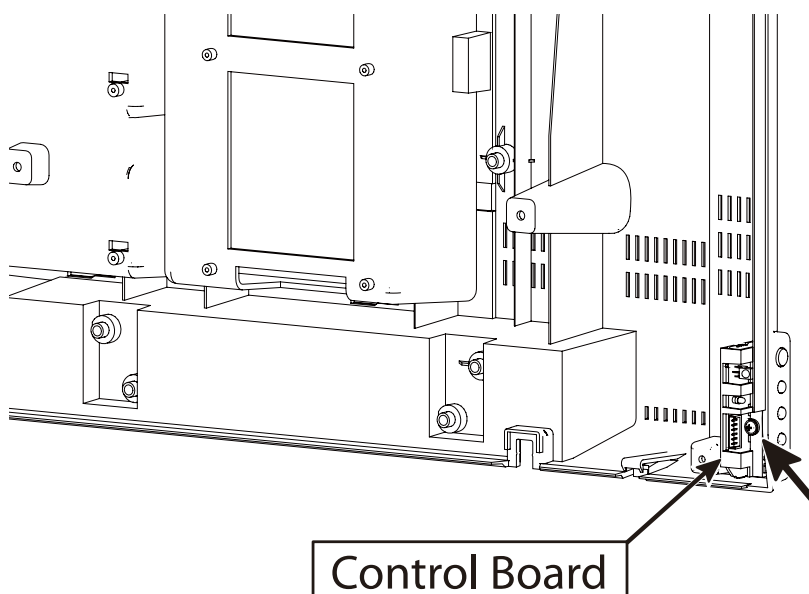
LCD panel removal Removal

1. Disconnect the lead wires from LCD panel, speakers, and control board.
2. Once you have taken off the Lid back, stand base, power unit and main board remove 9 screws (C:3X14) and 4 screws (D:4X8) to take the back cabinet off.
3. Lift the LCD panel from the front cabinet.



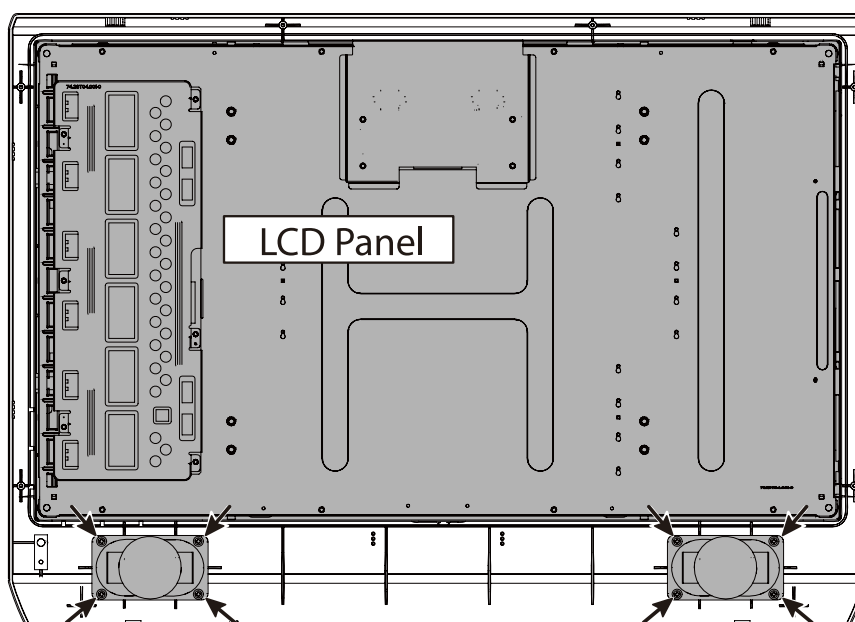
Control Board Removal

Remove 1 screws (3X14) to take the control board off.



Speakers Removal

Remove 4 screws (3X14) to remove each speaker



CHASSIS ELECTRICAL PARTS LIST

CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS, and PRODUCT SAFETY NOTICE on Page 2.

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A ⚠ IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A ⚠. NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A ⚠.

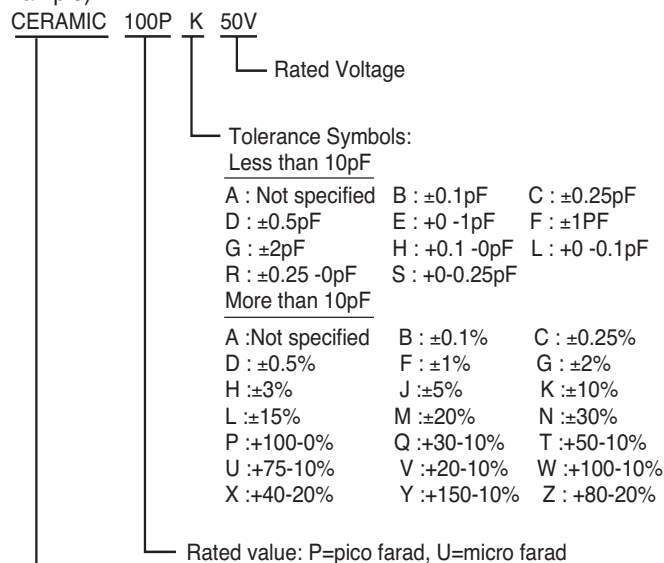
Note: Schematic part location numbers may not always match with the part descriptions.
The part descriptions are correct and should be used.

CAPACITORS

NOTES:

Read description of the Capacitor as follows:

(Example)



Material:

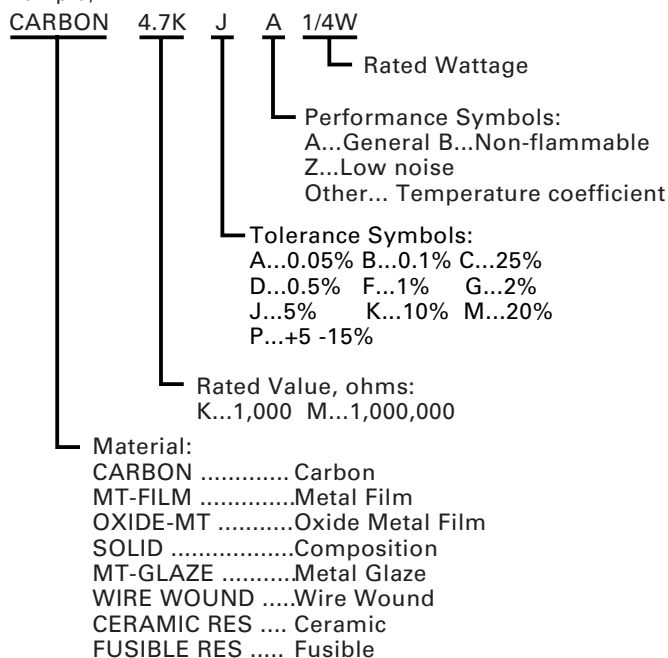
CERAMIC..... Ceramic
MT-PAPER..... Metallized Paper
POLYESTER..... Polyester
MT-POLYEST.....Metallized Polyester
POLYPRO..... Polypropylene
MT-POLYPRO..... Metallized Polypropylene
COMPO FILM..... Composite Film
MT-COMPO..... Metallized Composite
STYRENE..... Styrene
TA-SOLID..... Tantalum Solid
AL-SOLID..... Aluminium Solid
ELECT..... Electrolytic
NP-ELECT..... Non-polarised Electrolytic
OS-SOLID..... Aluminium Solid with Organic
Semiconductive Electrolytic

RESISTORS

NOTES:

Read description of the Resistor as follows:

(Example)



| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

CAPACITORS

| | | | | |
|-------|---------------|----------|----------|-------|
| FC001 | CP1H100MEMANN | NP-ELECT | 10U M | 50V |
| C002 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C006 | CE1H4R7MZVANN | ELECT | 4.7U M | 50V |
| C007 | CE1C101MZVANN | ELECT | 100U M | 16V |
| C008 | CK1H102KLZBNG | CERAMIC | 1000P K | 50V |
| C009 | CK1H102KLZBNG | CERAMIC | 1000P K | 50V |
| C013 | CP1H100MEMANN | NP-ELECT | 10U M | 50V |
| C015 | CE1C222MZVANN | ELECT | 2200U M | 16V |
| C016 | CE1H100MZVANN | ELECT | 10U M | 50V |
| C017 | CEXLB1H100VDN | ELECT | 10U M | 50V |
| C801 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C802 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C803 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C804 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C805 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C807 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C808 | RGFR000ZTCANL | MT-GLAZE | 0.000 ZA | 1/10W |
| C809 | CC1H220JLZCNG | CERAMIC | 22P J | 50V |
| C810 | CC1H220JLZCNG | CERAMIC | 22P J | 50V |
| C811 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C812 | CC1H470JLZCNG | CERAMIC | 47P J | 50V |
| C813 | CC1H470JLZCNG | CERAMIC | 47P J | 50V |
| C814 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C816 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C818 | CK1H222KLZBNG | CERAMIC | 2200P K | 50V |
| C819 | CEXLB0J221VDN | ELECT | 220U M | 6.3V |
| C821 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C822 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C823 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C824 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C825 | CC1H470JLZCNG | CERAMIC | 47P J | 50V |
| C1002 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1003 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1004 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1011 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1012 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1013 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1014 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1015 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1016 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1017 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1201 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1202 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1223 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1224 | CEXLB1H4R7VDN | ELECT | 4.7U M | 50V |
| C1233 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1234 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1235 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1241 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1242 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1243 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1244 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1245 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

| | | | | |
|-------|---------------|---------|----------|------|
| C1246 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1247 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1248 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1249 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1250 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1251 | CEXLB1V470VDN | ELECT | 47U M | 35V |
| C1252 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1253 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1254 | CEXLB1C101VDN | ELECT | 100U M | 16V |
| C1603 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1609 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1610 | CEXLB1E102VDN | ELECT | 1K U M | 25V |
| C1611 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1612 | CK1H102KLZBNG | CERAMIC | 1000P K | 50V |
| C1613 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C1614 | CK1H472KLZBNG | CERAMIC | 4700P K | 50V |
| C1617 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C1618 | CK1H472KLZBNG | CERAMIC | 4700P K | 50V |
| C1619 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1620 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1621 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1622 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1623 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1624 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C1625 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1626 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1627 | CEXLB1C222VDN | ELECT | 2200U M | 16V |
| C1628 | CEXLB1C222VDN | ELECT | 2200U M | 16V |
| C1629 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1630 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1631 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C1651 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1652 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C1653 | CEXLB1V471VDN | ELECT | 470U M | 35V |
| C1654 | CK1H222KLZBNG | CERAMIC | 2200P K | 50V |
| C1655 | CK1H103KLZBNG | CERAMIC | 0.01U K | 50V |
| C1656 | CK1H153KLZBNG | CERAMIC | 0.015U K | 50V |
| C1657 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1658 | CEXLB1C471VDN | ELECT | 470U M | 16V |
| C1659 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1661 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1662 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1666 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C1667 | CEXLB1C101VDN | ELECT | 100U M | 16V |
| C1671 | CEXLB1C101VDN | ELECT | 100U M | 16V |
| C1672 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1674 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1675 | CEXLB1C101VDN | ELECT | 100U M | 16V |
| C1678 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1679 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1681 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1682 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1683 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |
| C1684 | CK1H104ZLFNG | CERAMIC | 0.1U Z | 50V |

| Schematic Location | Part No. | Description | | |
|--------------------|---------------|-------------|----------|------|
| C1685 | CEXLB1V471VDN | ELECT | 470U M | 35V |
| C1686 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C1687 | CEXLB1E102VDN | ELECT | 1K U M | 25V |
| C1689 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C1691 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C1692 | CK1H102KLZBNG | CERAMIC | 1000P K | 50V |
| C1693 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C1901 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C1904 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C1907 | CK1A105ZLZFNG | CERAMIC | 1U Z | 10V |
| C1909 | CC1H470JLZCNG | CERAMIC | 47P J | 50V |
| C2400 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C2401 | CEXLB1H100VDN | ELECT | 10U M | 50V |
| C3200 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3201 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3202 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3203 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3204 | CK1H223KLZBNG | CERAMIC | 0.022U K | 50V |
| C3205 | CK1H222KLZBNG | CERAMIC | 2200P K | 50V |
| C3206 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C3208 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3209 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3210 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3211 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3212 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3213 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3214 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3215 | CK1H222KLZBNG | CERAMIC | 2200P K | 50V |
| C3216 | CK1H104KLZBNG | CERAMIC | 0.1U K | 50V |
| C3217 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3218 | CK1A474KLZBNG | CERAMIC | 0.47U K | 10V |
| C3219 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3220 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3221 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C3222 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C3223 | CEXLB1C222VDN | ELECT | 2200U M | 16V |
| C5500 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5501 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5504 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5505 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5506 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5507 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5508 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5509 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5510 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5511 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5512 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5513 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5514 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5515 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5516 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5517 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5518 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5519 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |

| Schematic Location | Part No. | Description | | |
|--------------------|---------------|-------------|--------|------|
| C5520 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5521 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5522 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5523 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5524 | CEXLB0J221VDN | ELECT | 220U M | 6.3V |
| C5525 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5526 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5527 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5528 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5529 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5530 | CEXLB0J221VDN | ELECT | 220U M | 6.3V |
| C5531 | CEXLB0J221VDN | ELECT | 220U M | 6.3V |
| C5532 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5533 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5534 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5535 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5536 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5537 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5538 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5539 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5540 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5541 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5542 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5543 | CC1H6R0DLZCNG | CERAMIC | 6P D | 50V |
| C5544 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5545 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5546 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5547 | CC1H180JLZCNG | CERAMIC | 18P J | 50V |
| C5548 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5549 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5550 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5551 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5552 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5553 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5554 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5555 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5556 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5557 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5558 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5559 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5561 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5562 | CK0J475KLZBNG | CERAMIC | 4.7U K | 6.3V |
| C5563 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5564 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5565 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5566 | CK0J475KLZBNG | CERAMIC | 4.7U K | 6.3V |
| C5567 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5568 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5569 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5570 | CK0J106KGBNG | CERAMIC | 10U K | 6.3V |
| C5571 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |
| C5572 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5573 | CK1H104ZLZFNG | CERAMIC | 0.1U Z | 50V |
| C5574 | CK1A105KLZBNG | CERAMIC | 1U K | 10V |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| C5575 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5576 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5577 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5579 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5580 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5581 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5582 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5583 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5584 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5585 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5586 | CC1H101JLZCNG | CERAMIC 100P J 50V |
| C5587 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5588 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5589 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5590 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5591 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5592 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5593 | CK1H103KLZBNG | CERAMIC 0.01U K 50V |
| C5594 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5595 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5596 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5597 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5598 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5599 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5600 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5602 | CK1H103KLZBNG | CERAMIC 0.01U K 50V |
| C5603 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5605 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5606 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5608 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5611 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5612 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5614 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5616 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5617 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5618 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5619 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5620 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5621 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5622 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5623 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5624 | CK1H103KLZBNG | CERAMIC 0.01U K 50V |
| C5625 | CK1H103KLZBNG | CERAMIC 0.01U K 50V |
| C5626 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5627 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5629 | CC1H390JLZCNG | CERAMIC 39P J 50V |
| C5630 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C5631 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5632 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5635 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| C5636 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| C5638 | CC1H150JLZCNG | CERAMIC 15P J 50V |
| C5639 | CC1H150JLZCNG | CERAMIC 15P J 50V |
| C5640 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |

| Schematic Location | Part No. | Description |
|--------------------|---------------|----------------------|
| C5642 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5643 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5644 | CK1C224KLZBNG | CERAMIC 0.22U K 16V |
| C5645 | CK1C224KLZBNG | CERAMIC 0.22U K 16V |
| C5646 | CK1C224KLZBNG | CERAMIC 0.22U K 16V |
| C5648 | CK1H392KLZBNG | CERAMIC 3900P K 50V |
| C5649 | CK1H393KLZBNG | CERAMIC 0.039U K 50V |
| C5650 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5700 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C5702 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5703 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5704 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5707 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5710 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5712 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5713 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5714 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5716 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5717 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5718 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5719 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5750 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5751 | CEXLB1V470VDN | ELECT 47U M 35V |
| C5800 | CEXLB1H100VDN | ELECT 10U M 50V |
| C5801 | CEXLB1H100VDN | ELECT 10U M 50V |
| C5802 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C5803 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5804 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5805 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5806 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5807 | CC1H120JLZCNG | CERAMIC 12P J 50V |
| C5808 | CC1H120JLZCNG | CERAMIC 12P J 50V |
| C5809 | CC1H120JLZCNG | CERAMIC 12P J 50V |
| C5811 | CC1H150JLZCNG | CERAMIC 15P J 50V |
| C5812 | CC1H150JLZCNG | CERAMIC 15P J 50V |
| C5813 | CC1H150JLZCNG | CERAMIC 15P J 50V |
| C5815 | CC1H270JLZCNG | CERAMIC 27P J 50V |
| C5816 | CC1H270JLZCNG | CERAMIC 27P J 50V |
| C5817 | CC1H270JLZCNG | CERAMIC 27P J 50V |
| C5819 | CC1H680JLZCNG | CERAMIC 68P J 50V |
| C5820 | CC1H680JLZCNG | CERAMIC 68P J 50V |
| C5821 | CC1H680JLZCNG | CERAMIC 68P J 50V |
| C5901 | CK1A474KLZBNG | CERAMIC 0.47U K 10V |
| C5904 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C5905 | CEXLB1H100VDN | ELECT 10U M 50V |
| C6050 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C6051 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6055 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6056 | CEXLB1V470VDN | ELECT 47U M 35V |
| C6057 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6060 | CK1H104ZLFNG | CERAMIC 0.1U Z 50V |
| C6061 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6063 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C6065 | CK1A105KLZBNG | CERAMIC 1U K 10V |

| Schematic Location | Part No. | Description |
|--------------------|----------------|---------------------|
| C6066 | CExLB0J221VDN | ELECT 220U M 6.3V |
| C6067 | CExLB0J102VDN | ELECT 1000U M 6.3V |
| C6071 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6072 | CExLB1V470VDN | ELECT 47U M 35V |
| C6082 | CK0J106KGM BNG | CERAMIC 10U K 6.3V |
| C6083 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6084 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6085 | CExLB0J221VDN | ELECT 220U M 6.3V |
| C6099 | CExLB0J221VDN | ELECT 220U M 6.3V |
| C6100 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6102 | CC1H101JLZCNG | CERAMIC 100P J 50V |
| C6103 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6105 | CExLB0J222VDN | ELECT 2200U M 6.3V |
| C6108 | CC1H220JLZCNG | CERAMIC 22P J 50V |
| C6109 | CK1H102KLZBNG | CERAMIC 1000P K 50V |
| C6110 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6111 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6112 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6113 | CC1H220JLZCNG | CERAMIC 22P J 50V |
| C6200 | CExLB1H100VDN | ELECT 10U M 50V |
| C6201 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6204 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6205 | CExLB1H4R7VDN | ELECT 4.7U M 50V |
| C6206 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6207 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6208 | CExLB1H4R7VDN | ELECT 4.7U M 50V |
| C6209 | CExLB1H100VDN | ELECT 10U M 50V |
| C6210 | CExLB1H100VDN | ELECT 10U M 50V |
| C6213 | CK1H222KLZBNG | CERAMIC 2200P K 50V |
| C6214 | CK1H222KLZBNG | CERAMIC 2200P K 50V |
| C6271 | CExLB1H100VDN | ELECT 10U M 50V |
| C6272 | CExLB1H100VDN | ELECT 10U M 50V |
| C6273 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6274 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C6275 | CK1H104KLZBNG | CERAMIC 0.1U K 50V |
| C6276 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6277 | CExLB1H100VDN | ELECT 10U M 50V |
| C6278 | CExLB1H100VDN | ELECT 10U M 50V |
| C6279 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C6280 | CK0J475KLZBNG | CERAMIC 4.7U K 6.3V |
| C6332 | CK1A105KLZBNG | CERAMIC 1U K 10V |
| C6350 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6351 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6352 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6354 | CExLB0J221VDN | ELECT 220U M 6.3V |
| C6355 | CExLB1H4R7VDN | ELECT 4.7U M 50V |
| C6356 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6500 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6501 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6503 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |
| C6504 | CK1H104ZLZFNG | CERAMIC 0.1U Z 50V |

| Schematic Location | Part No. | Description |
|----------------------------|---------------|----------------------------|
| DIODES | | |
| D801 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D821 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1221 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1222 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1261 | DDRB551V-30-G | DIODE RB551V-30 TE-17 |
| D1611 | DDD1FM3-----G | DIODE D1FM3 |
| D1612 | DDD1FM3-----G | DIODE D1FM3 |
| D1620 | DZUDZS3.0B--G | ZD UDZS3.0B-TE-17 |
| D1621 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1653 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1662 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1671 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1679 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1681 | DDD1FM3-----G | DIODE D1FM3 |
| D1683 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| D1901 | DLSLR343MC3FN | LED SLR-343MC3F |
| D2400 | DDRB551V-30-G | DIODE RB551V-30 TE-17 |
| D3216 | DDRB551V-30-G | DIODE RB551V-30 TE-17 |
| D6013 | DDRB551V-30-G | DIODE RB551V-30 TE-17 |
| D6052 | DZUDZS3.0B--G | ZD UDZS3.0B-TE-17 |
| D6053 | DD1SS352----G | DIODE 1SS352-(TPH3) |
| | DD1SS355----G | DIODE 1SS355 TE-17 |
| ZD801 | DZUDZS3.9B--G | ZD UDZS-TE-173.9B |
| ZD802 | DZUDZS6.2B--G | ZENER DIODE UDZS6.2B TE-17 |
| INTEGRATED CIRCUITS | | |
| IC001 | QLA42205-E--N | IC LA42205-E |
| IC800 | QXXAAJQ0858-- | IC LC87F5932AU-Y08LCD |
| | QXXAVC980---M | IC LC875932A-69R6-E |
| IC801 | QLE24C042M-EP | IC LE24C042M-TLM-E |
| | QXXAVC820---P | IC AT24C04N-10SU-1.8 |
| | QXXAVC844---P | IC CAT24C04WI-GT3 |
| IC802 | QTC7SET08FU-P | IC TC7SET08FU |
| IC803 | QTC7SH08FU--P | IC TC7SH08FU |
| IC1220 | QTC74HC123AFG | IC TC74HC123AF |
| IC1240 | QM52055FP---P | IC M52055FP |
| IC1251 | QCD4052BNSR-P | IC CD4052BNSR |
| | QTC4052BF---P | IC TC4052BF-EL |
| IC1600 | QBD9842FV---P | IC BD9842FV-E2 |
| IC1651 | QMP2106DK---P | IC MP2106DK |
| IC1661 | QPQ070XNA1ZPP | IC PQ070XNA1ZPH |
| IC1671 | QXXAVC692---P | IC PQ1LAX95MSPQ |
| IC1680 | QLA5774MPE--P | IC LA5774MP-DL-E |

| Schematic Location | Part No. | Description |
|--------------------|---------------|------------------------|
| IC1690 | QPST600DMT--P | IC PST600DMT |
| IC2400 | QXXAVC837---P | IC AT24C02BN-10SU-1.8 |
| | QXXAVC986---P | IC CAT24C02WI-GT3 |
| IC3200 | QNJW1142CV--P | IC NJW1142CV |
| IC5500 | QXXAVC968---M | IC ZR39770 |
| IC5510 | QTC7SZ08FU--P | IC TC7SZ08FU |
| IC5590 | QTC7SH08FU--P | IC TC7SH08FU |
| IC5591 | QTC7SH08FU--P | IC TC7SH08FU |
| IC5700 | QXXAVC946---P | IC HYB18T256161BF-25 |
| IC5750 | 1AA6P4P1707-- | LABEL-W25X32VSSIG N6CE |
| | QW25X32VSSIGM | IC W25X32VSSIG |
| | QXXAAJQ0875-- | IC W25X32VSSIG N6CE |
| IC5900 | QM51957BFP--P | IC M51957BFP |
| IC6050 | QPQ070XNA1ZPP | IC PQ070XNA1ZPH |
| IC6051 | QPQ070XNA1ZPP | IC PQ070XNA1ZPH |
| IC6060 | QXXAVC976---P | IC PQ018EN02ZPH |
| IC6080 | QXXAVC692---P | IC PQ1LAX95MSPQ |
| IC6200 | QCS4352-CZZ-P | IC CS4352-CZZ |
| IC6270 | QXXAVC944---P | IC WM8781GEDS/R |
| IC6501 | QTC7SET08FU-P | IC TC7SET08FU |
| IC6502 | QTC7SET08FU-P | IC TC7SET08FU |

COILS

| | | |
|-------|---------------|-------------------------|
| L001 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L002 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L003 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L004 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L005 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L006 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L801 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L802 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L803 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L804 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L805 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1000 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L1201 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L1221 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1241 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L1601 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1603 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1604 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1605 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1606 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1608 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L1609 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L1612 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1613 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1614 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1615 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1616 | 1AV4L2WK150MN | INDUCTOR, 15U M |
| | 1LB4L26B1000N | INDUCTOR, 15UH |
| L1617 | 1AV4L2WK150MN | INDUCTOR, 15U M |
| | 1LB4L26B1000N | INDUCTOR, 15UH |
| L1618 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| L1619 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1621 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1622 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1651 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1652 | 1AV4L2WK150MN | INDUCTOR, 15U M |
| | 1LB4L26B1000N | INDUCTOR, 15UH |
| L1653 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1661 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L1662 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1663 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1671 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1672 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1674 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1681 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1682 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1684 | 1AV4L2WK680MN | INDUCTOR, 68U M |
| | 1LB4L26B1040N | INDUCTOR, 68UH |
| L1690 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1691 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1692 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1693 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1694 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1695 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1696 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1697 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1698 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1699 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1700 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1701 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1702 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1703 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1704 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1705 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1706 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1707 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1724 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1725 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1727 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1728 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L1902 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5501 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5502 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5505 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5506 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5507 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5508 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5510 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5511 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5513 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5514 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5515 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L5517 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L5519 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L5520 | 1LB4L26B0740G | INDUCTOR, 220 OHM |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| L5521 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L5524 | 1AV4L2GAR22JG | INDUCTOR, 0.22U J |
| L5528 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L5532 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L5750 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5800 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5801 | 1AV4L2GA150JG | INDUCTOR, 15U J |
| L5802 | 1AV4L2GA150JG | INDUCTOR, 15U J |
| L5803 | 1AV4L2GA150JG | INDUCTOR, 15U J |
| L5805 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5806 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5807 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5808 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5809 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5810 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5811 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L5812 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6050 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L6051 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6052 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L6053 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6063 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L6064 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L6065 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6082 | 1LB4L26B0740G | INDUCTOR, 220 OHM |
| L6103 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L6105 | 1AV4L26B1940G | INDUCTOR, 120 OHM |
| | 1LB4L26B0700G | INDUCTOR, 120 OHM |
| L6106 | 1AV4L26B1940G | INDUCTOR, 120 OHM |
| | 1LB4L26B0700G | INDUCTOR, 120 OHM |
| L6107 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6108 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6110 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6111 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6112 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6113 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6114 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6115 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6116 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6117 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6119 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6120 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6121 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6122 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6200 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6201 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L6202 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L6271 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6272 | 1AV4L2FB3R3MG | INDUCTOR, 3.3U M |
| L6350 | 1AV4L3CY201MG | IMPEDANCE, 200 OHM M |
| L6351 | 1AV4L3CY201MG | IMPEDANCE, 200 OHM M |
| L6352 | 1AV4L3CY201MG | IMPEDANCE, 200 OHM M |
| L6355 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6356 | 1LB4L26B0740G | INDUCTOR, 220 OHM |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| L6357 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6358 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6366 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6367 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6368 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6369 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6500 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6506 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6507 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6508 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6509 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6510 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6511 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6512 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6513 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6514 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6515 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6516 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6517 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6601 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6602 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6603 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6604 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6605 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6606 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6607 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6608 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6609 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6610 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6611 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6612 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6613 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6614 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6615 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6616 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6617 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6618 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6619 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6620 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6621 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6622 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6623 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L6624 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7001 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7002 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7003 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7004 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7005 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7006 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7007 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7008 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7009 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7010 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7011 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| L7012 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7013 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7014 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7015 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7016 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7017 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |
| L7018 | RGFR000ZTAANL | MT-GLAZE 0.000 ZA 1/10W |

TRANSISTORS

| | | |
|------|---------------|---------------------|
| Q801 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q802 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q805 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q808 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q809 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q810 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q811 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |

| Schematic Location | Part No. | Description |
|--------------------|---------------|--------------------|
| Q813 | TISA1235AC1FP | TR ISA1235AC1F |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q814 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1006 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1007 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1201 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1202 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1203 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1203 | T2SC3928A1S-P | TR 2SC3928A1S |

| Schematic Location | Part No. | Description |
|--------------------|---------------|--------------------|
| Q1204 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1241 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| Q1610 | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | TSP8J3TB1--P | TR SP8J3TB1 |
| | TSP8J3TB----P | TR SP8J3TB |
| Q1611 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q1612 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| Q1651 | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| Q1681 | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| Q2400 | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| Q5800 | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |

| Schematic Location | Part No. | Description |
|--------------------|---------------|---------------------|
| Q5801 | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| Q5802 | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| Q5804 | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q5805 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q5806 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q5901 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q5902 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| Q6063 | T2SC3928A1S-P | TR 2SC3928A1S |
| | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |

| Schematic Location | Part No. | Description |
|--------------------|---------------|---------------------|
| Q6063(cont) | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q6333 | T2SA1037AK-RP | TR 2SA1037AK T146 R |
| | T2SA1037AK-SP | TR 2SA1037AK T146 S |
| | T2SA1235A1E-P | TR 2SA1235A1E |
| | T2SA1235A1F-P | TR 2SA1235A1F |
| | TISA1235AC1EP | TR ISA1235AC1E |
| | TISA1235AC1FP | TR ISA1235AC1F |
| Q6350 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q6351 | T2SC2412K-R-P | TR 2SC2412K-T-96-R |
| | T2SC2412K-S-P | TR 2SC2412K-T-96-S |
| | T2SC2812-L6-P | TR 2SC2812-L6-TB |
| | T2SC2812-L7-P | TR 2SC2812-L7-TB |
| | T2SC2812N-L6P | TR 2SC2812N-L6-TB |
| | T2SC3928A1R-P | TR 2SC3928A1R |
| | T2SC3928A1S-P | TR 2SC3928A1S |
| Q6360 | TMCH6306----P | TR MCH6306-TL |
| Q6510 | TXXAVB021---K | TR UPA672T-T1-A |
| Q6600 | TXXAVB021---K | TR UPA672T-T1-A |

RESISTORS

| | | |
|--------|---------------|-------------------------|
| RB6350 | 1AV4R1D30R04G | R-NETWORK 0X4 1/32W |
| RB6352 | 1AV4R1D30R04G | R-NETWORK 0X4 1/32W |
| R001 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R002 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R003 | RGF1801JTCANL | MT-GLAZE 1.8K JA 1/10W |
| R004 | RGF1801JTCANL | MT-GLAZE 1.8K JA 1/10W |
| R007 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R008 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R800 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R801 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R802 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R803 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R804 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R806 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R808 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R809 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R810 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R813 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R814 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R815 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R817 | RGF1004JTCANL | MT-GLAZE 1M JA 1/10W |
| R818 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R820 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R821 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R824 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R828 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R829 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R830 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R831 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R832 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R833 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R834 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R835 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R836 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R838 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R839 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R840 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R841 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R842 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R843 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R844 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R846 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R847 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R848 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R851 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R855 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R856 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R857 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R860 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R866 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R867 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R869 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R870 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R871 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R873 | RGF4703JTCANL | MT-GLAZE 470K JA 1/10W |
| R875 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R876 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R879 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R880 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R881 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R882 | RGF3300JTCANL | MT-GLAZE 330 JA 1/10W |
| R883 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R884 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R886 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R887 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R888 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R890 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R891 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R892 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R893 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R894 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R897 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R900 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R901 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R902 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R904 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R905 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R906 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R907 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R908 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R909 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R910 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R911 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R913 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R914 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R915 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R916 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R917 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R918 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R1000 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1002 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1004 | RGF2200JTCANL | MT-GLAZE 220 JA 1/10W |
| R1005 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1007 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1008 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1009 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1010 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1011 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1012 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1013 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1014 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1019 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1021 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1025 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1031 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1037 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1043 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1049 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1051 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R1052 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1053 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R1054 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R1055 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1056 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R1057 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1058 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1059 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1060 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1061 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1062 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1063 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1064 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1065 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1066 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1067 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1068 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1069 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1070 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1071 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1072 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1073 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1074 | RGF82R0JTCANL | MT-GLAZE 82 JA 1/10W |
| R1075 | RGF82R0JTCANL | MT-GLAZE 82 JA 1/10W |
| R1201 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R1202 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R1203 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1204 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R1205 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1206 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1207 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1208 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1209 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1210 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1230 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1231 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1232 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1233 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1235 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1236 | RGF3303JTCANL | MT-GLAZE 330K JA 1/10W |
| R1237 | RGF1503JTCANL | MT-GLAZE 150K JA 1/10W |
| R1238 | RGF2203JTCANL | MT-GLAZE 220K JA 1/10W |
| R1244 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1245 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1259 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1260 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R1261 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1263 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1264 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1265 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1266 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1267 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1268 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1269 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1270 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1271 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1272 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1273 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1274 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1275 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1276 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1277 | RGF15R0JTCANL | MT-GLAZE 15 JA 1/10W |
| R1278 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1279 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1280 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1281 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R1282 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1283 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1291 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1294 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R1297 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1300 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1301 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1302 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1303 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1304 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1305 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1306 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1603 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R1609 | RGF10R0JTCANL | MT-GLAZE 10 JA 1/10W |
| R1610 | RGF10R0JTCANL | MT-GLAZE 10 JA 1/10W |
| R1611 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1612 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1613 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R1615 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R1616 | RGF6802JTCANL | MT-GLAZE 68K JA 1/10W |
| R1617 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R1618 | RGF6801JTCANL | MT-GLAZE 6.8K JA 1/10W |
| R1619 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1620 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1621 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1622 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1623 | RN1R005JTFANL | MT-FILM 0.005 JA 1W |
| R1624 | RN1R005JTFANL | MT-FILM 0.005 JA 1W |
| R1625 | RGF2200JTCANL | MT-GLAZE 220 JA 1/10W |
| R1626 | RGF1201FTCANL | MT-GLAZE 1.2K FA 1/10W |
| R1628 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1629 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1630 | RGF1002FTCANL | MT-GLAZE 10K FA 1/10W |
| R1631 | RGF1002FTCANL | MT-GLAZE 10K FA 1/10W |
| R1632 | RGF8200FTCANL | MT-GLAZE 820 FA 1/10W |
| R1633 | RGF4701FTCANL | MT-GLAZE 4.7K FA 1/10W |
| R1653 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1654 | RGF1003JTCANL | MT-GLAZE 100K JA 1/10W |
| R1655 | RGF1002FTCANL | MT-GLAZE 10K FA 1/10W |
| R1660 | RGF9101JTCANL | MT-GLAZE 9.1K JA 1/10W |
| R1661 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1662 | RGF5600FTCANL | MT-GLAZE 560 FA 1/10W |
| R1663 | RGF2701FTCANL | MT-GLAZE 2.7K FA 1/10W |
| R1664 | RGF1001FTCANL | MT-GLAZE 1K FA 1/10W |
| R1665 | RGF1002FTCANL | MT-GLAZE 10K FA 1/10W |
| R1666 | RGF4702FTCANL | MT-GLAZE 47K FA 1/10W |
| R1667 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1671 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1672 | RGF6801FTCANL | MT-GLAZE 6.8K FA 1/10W |
| R1673 | RGF5602FTCANL | MT-GLAZE 56K FA 1/10W |
| R1674 | RGF1002FTCANL | MT-GLAZE 10K FA 1/10W |
| R1675 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R1676 | RGF3302JTCANL | MT-GLAZE 33K JA 1/10W |
| R1677 | RWXLB71R2KXAL | WIRE WOUND 1.2 KA 7W |
| R1681 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1682 | RGF1501FTCANL | MT-GLAZE 1.5K FA 1/10W |
| R1683 | RGF1501FTCANL | MT-GLAZE 1.5K FA 1/10W |
| R1684 | RGF1001FTCANL | MT-GLAZE 1K FA 1/10W |
| R1685 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1691 | RGF3302JTCANL | MT-GLAZE 33K JA 1/10W |
| R1692 | RGF1202JTCANL | MT-GLAZE 12K JA 1/10W |
| R1694 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1696 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1901 | RGF1801JTCANL | MT-GLAZE 1.8K JA 1/10W |
| R1902 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R1903 | RGF3901JTCANL | MT-GLAZE 3.9K JA 1/10W |
| R1904 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R1905 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1906 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R1907 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R1908 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R1909 | RGF2200JTCANL | MT-GLAZE 220 JA 1/10W |
| R1910 | RGF2200JTCANL | MT-GLAZE 220 JA 1/10W |
| R1911 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R2400 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2401 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2402 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2403 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2404 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2405 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2406 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2407 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2408 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R2409 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2410 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R2412 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R2413 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R2414 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2415 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2416 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2417 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R2418 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R2419 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2420 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R2421 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R3200 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R3201 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5505 | RGF3301JTCANL | MT-GLAZE 3.3K JA 1/10W |
| R5507 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5509 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5513 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5514 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5515 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5516 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5517 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R5518 | RGF56R0JTCANL | MT-GLAZE 56 JA 1/10W |
| R5519 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5520 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5521 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5522 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5523 | RGF8200FTCANL | MT-GLAZE 820 FA 1/10W |
| R5524 | RGF5600JTCANL | MT-GLAZE 560 JA 1/10W |
| R5525 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5526 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5527 | RGF27R0JTCANL | MT-GLAZE 27 JA 1/10W |
| R5530 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5531 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5533 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5535 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5536 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5538 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R5539 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5541 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5542 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5543 | RGF3900FTCANL | MT-GLAZE 390 FA 1/10W |
| R5544 | RGF3900FTCANL | MT-GLAZE 390 FA 1/10W |
| R5545 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5547 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5548 | RGF1004JTCANL | MT-GLAZE 1M JA 1/10W |
| R5549 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5550 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5551 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5552 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5553 | RGF3300JTCANL | MT-GLAZE 330 JA 1/10W |
| R5554 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5555 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |
| R5556 | RGF6202JTCANL | MT-GLAZE 62K JA 1/10W |
| R5557 | RGF18R0JTCANL | MT-GLAZE 18 JA 1/10W |
| R5558 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5559 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5560 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5561 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5562 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5563 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5564 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5565 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |
| R5566 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5568 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5569 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |
| R5571 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5572 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |
| R5574 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5576 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5579 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5580 | RGF3901JTCANL | MT-GLAZE 3.9K JA 1/10W |
| R5581 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5582 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5583 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5586 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5587 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5588 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5589 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5590 | RGF5601JTCANL | MT-GLAZE 5.6K JA 1/10W |
| R5591 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5592 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5593 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5595 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5596 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5597 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5598 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5599 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5600 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5601 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5602 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5603 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R5604 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5605 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5606 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5607 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5611 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5613 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R5614 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R5615 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R5616 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5617 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5618 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5619 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5622 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5625 | RGF3301FTCANL | MT-GLAZE 3.3K FA 1/10W |
| R5626 | RGF8200FTCANL | MT-GLAZE 820 FA 1/10W |
| R5628 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5629 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5632 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5634 | RGF1201JTCANL | MT-GLAZE 1.2K JA 1/10W |
| R5700 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5750 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5751 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5754 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5800 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5801 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5802 | RGF75R0JTCANL | MT-GLAZE 75 JA 1/10W |
| R5803 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5804 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5805 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5806 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5807 | RGF1000JTCANL | MT-GLAZE 100 JA 1/10W |
| R5808 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5809 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5810 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5811 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5816 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5817 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5818 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5820 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5821 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5822 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5824 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5826 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5828 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5836 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5837 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5838 | RGF6800JTCANL | MT-GLAZE 680 JA 1/10W |
| R5840 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5842 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5843 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R5901 | RGF1202JTCANL | MT-GLAZE 12K JA 1/10W |
| R5902 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5903 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R5904 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R5905 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R5906 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5907 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R5908 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R5953 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5954 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5955 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5956 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5957 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5958 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R5971 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R5972 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R5973 | RGF1502JTCANL | MT-GLAZE 15K JA 1/10W |
| R5974 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5975 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R5977 | RGF1502JTCANL | MT-GLAZE 15K JA 1/10W |
| R6050 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6051 | RGF5600FTCANL | MT-GLAZE 560 FA 1/10W |
| R6052 | RGF1501FTCANL | MT-GLAZE 1.5K FA 1/10W |
| R6053 | RGF1201FTCANL | MT-GLAZE 1.2K FA 1/10W |
| R6054 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6055 | RGF1001FTCANL | MT-GLAZE 1K FA 1/10W |
| R6056 | RGF75R0FTCANL | MT-GLAZE 75 FA 1/10W |
| R6057 | RGF1501FTCANL | MT-GLAZE 1.5K FA 1/10W |
| R6064 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6065 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6082 | RGF1501FTCANL | MT-GLAZE 1.5K FA 1/10W |
| R6083 | RGF3301FTCANL | MT-GLAZE 3.3K FA 1/10W |
| R6084 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6111 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6112 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6201 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R6203 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6205 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6214 | RGF5600JTCANL | MT-GLAZE 560 JA 1/10W |
| R6215 | RGF5600JTCANL | MT-GLAZE 560 JA 1/10W |
| R6222 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6223 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6224 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6225 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6271 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6272 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6273 | RGF22R0JTCANL | MT-GLAZE 22 JA 1/10W |
| R6278 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R6280 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R6281 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R6282 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6283 | RGF3301JTCANL | MT-GLAZE 3.3K JA 1/10W |
| R6284 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6286 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6330 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6332 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6334 | RGF4701JTCANL | MT-GLAZE 4.7K JA 1/10W |
| R6336 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-------------------------|
| R6338 | RGF3300JTCANL | MT-GLAZE 330 JA 1/10W |
| R6339 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6356 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6358 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6359 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R6360 | RGF4700JTCANL | MT-GLAZE 470 JA 1/10W |
| R6361 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6372 | RGF1504JTCANL | MT-GLAZE 1.5M JA 1/10W |
| R6373 | RGF3902JTCANL | MT-GLAZE 39K JA 1/10W |
| R6374 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6375 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6376 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6500 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R6503 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R6504 | RGF2202JTCANL | MT-GLAZE 22K JA 1/10W |
| R6506 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6507 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6509 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R6513 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R6516 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R6522 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6523 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6525 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R6527 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6528 | RGF4702JTCANL | MT-GLAZE 47K JA 1/10W |
| R6530 | RGF1002JTCANL | MT-GLAZE 10K JA 1/10W |
| R6531 | RGFR000ZTCANL | MT-GLAZE 0.000 ZA 1/10W |
| R6534 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6535 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6536 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6537 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6538 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6539 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6540 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6541 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6543 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6544 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6545 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6546 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6547 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6548 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6549 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6550 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6551 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6552 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6553 | RGF4R70JTCANL | MT-GLAZE 4.7 JA 1/10W |
| R6555 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6556 | RGF47R0JTCANL | MT-GLAZE 47 JA 1/10W |
| R6557 | RGF1001JTCANL | MT-GLAZE 1K JA 1/10W |
| R6624 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |
| R6627 | RGF2201JTCANL | MT-GLAZE 2.2K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

SWITCHES

| | | |
|--------|---------------|--------------|
| SW1901 | 1AV4S10B0722J | SWITCH, PUSH |
| SW1902 | 1AV4S10B0722J | SWITCH, PUSH |
| SW1903 | 1AV4S10B0722J | SWITCH, PUSH |
| SW1904 | 1AV4S10B0722J | SWITCH, PUSH |
| SW1905 | 1AV4S10B0722J | SWITCH, PUSH |

CRYSTALS / FILTERS

| | | |
|-------|---------------|------------------------|
| X801 | 1AV4V11B1771G | OSC, CERAMIC 8.00MHZ |
| X5500 | 1AV4V10B8910G | OSC, CRYSTAL 25.000MHZ |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

MISCELLANEOUS

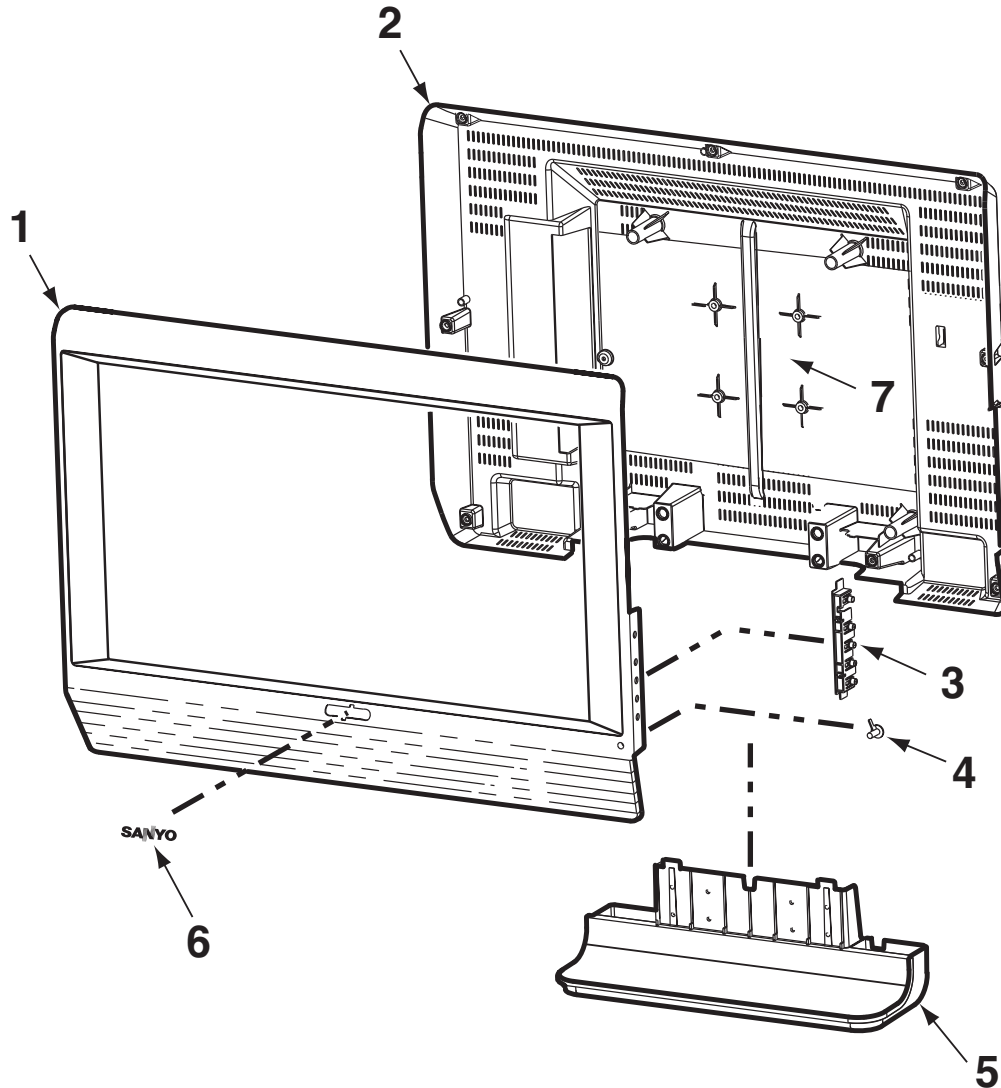
| | | |
|--------|---------------|--------------------------|
| A001 | 1AA0B10N237D0 | ASSY, PWB, MAIN_Z-N6CE |
| A002 | 1AA0B10N242A0 | ASSY, PWB, CONTROL-N6CE |
| A003 | 1AA0B10N24400 | ASSY, PWB, SUB PC-N6CE |
| A1901 | 1AV4U20B98500 | UNIT, REMOCON RECEIVER |
| ⚠A6100 | 1AV4F1BAZ0080 | TUNER,U/V |
| ⚠EL901 | 1AV4T40B87001 | LCD (T260XW03 V2) |
| K1003 | 1LB4J31B01101 | TERMINAL, BOARD |
| K1004 | 1LB4J12B11700 | JACK, RCA-9 |
| K1005 | 1LB4J12B11600 | JACK, RCA-6 |
| K6500 | 1AV4J11B8591G | SOCKET,IF(HDMI) 19P |
| K6501 | 1AV4J11B8591G | SOCKET,IF(HDMI) 19P |
| SP901 | 1LB4A10B05600 | SPEAKER, 8 |
| | 1LB4A10B08300 | SPEAKER, 8 |
| SP902 | 1LB4A10B05600 | SPEAKER, 8 |
| | 1LB4A10B08300 | SPEAKER, 8 |
| ⚠W901 | 1AV4W10B17904 | CORD, POWER-2.0MK-VTR-02 |
| | 1AV4W10B19804 | CORD, |
| WK5LV- | 1LB4W30B13300 | CORD 30P, 30P-30P(LVDS) |

UNIT POWER BOARD

| | | |
|-------|---------------|-------------|
| ⚠U901 | 1AV4U20C17201 | UNIT, POWER |
|-------|---------------|-------------|

Non-servicable part. No discreet parts are supplied for this PC board.

CABINET PARTS LIST



CABINET PARTS LIST

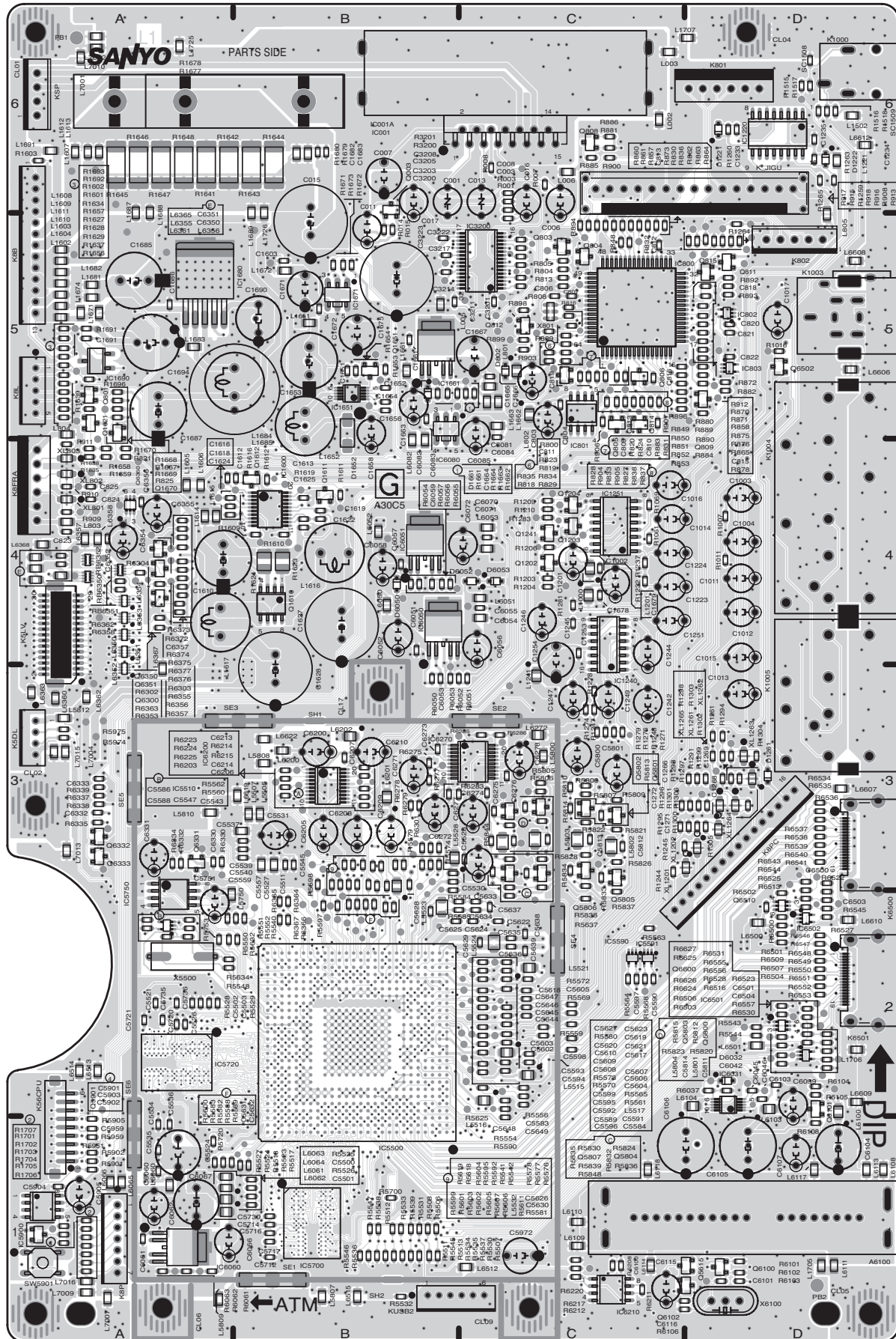
| KEY NO. | PARTS NO. | DESCRIPTION |
|---------|---------------|---------------|
| 1 | 1AA2CAM0638-- | CABINET FRONT |
| 2 | 1AA2CBM0455-- | CABINET BACK |
| 3 | 1AA2BUM0571-- | BUTTON UNITED |
| 4 | 1AA2DEM0468-- | DEC IND |
| 5 | 1AA2SDM0195-- | STAND BASE |
| 6 | 1AV2BAAS016AA | BADGE, SANYO |
| 7 | 1AA2LDM0006-- | LID BACK |

ACCESSORY PARTS LIST

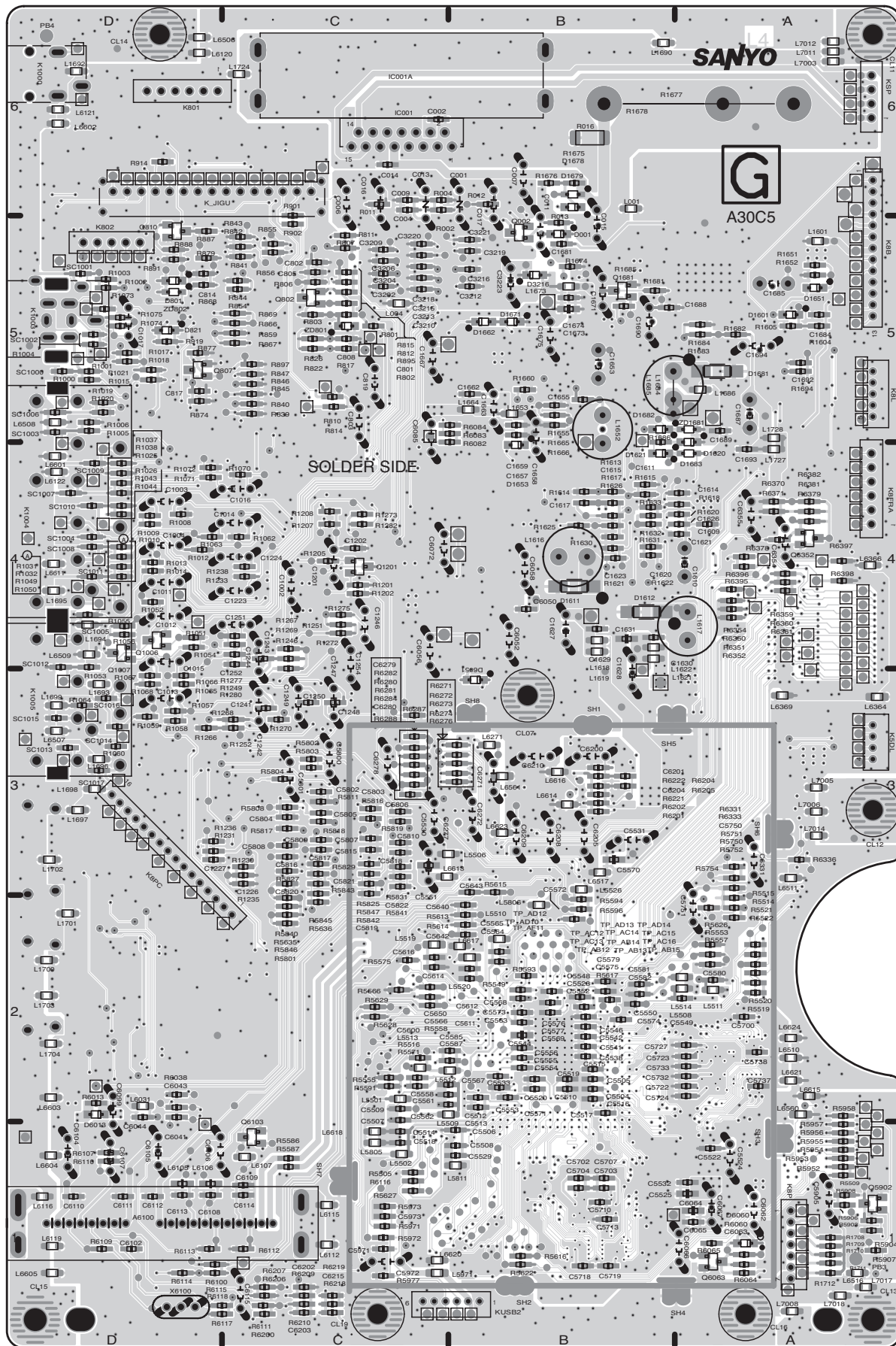
| KEY NO. | PARTS NO. | DESCRIPTION |
|---------|---------------|---------------------|
| | 1JC6P1P0302-- | OWNER'S MANUAL |
| | 1AV0U10B43105 | ASSY, REMOCON GXBJ |
| | 1AA2RCM0295-A | RC-BATTERY LID-GXBD |

COMPONENT AND TESTPOINT LOCATIONS

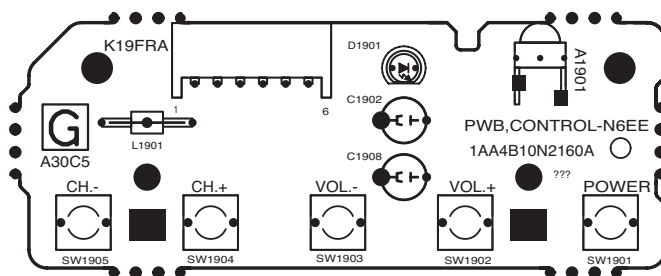
MAIN BOARD PARTS SIDE



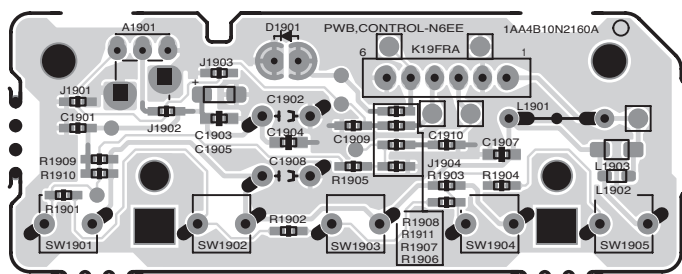
MAIN BOARD FOIL SIDE



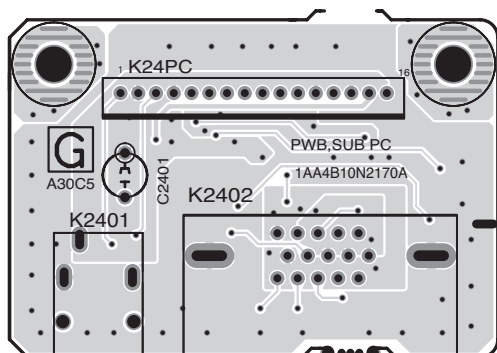
CONTROL BOARD PART SIDE



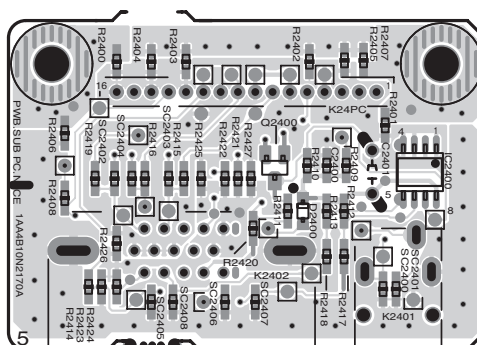
CONTROL BOARD SOLDER SIDE



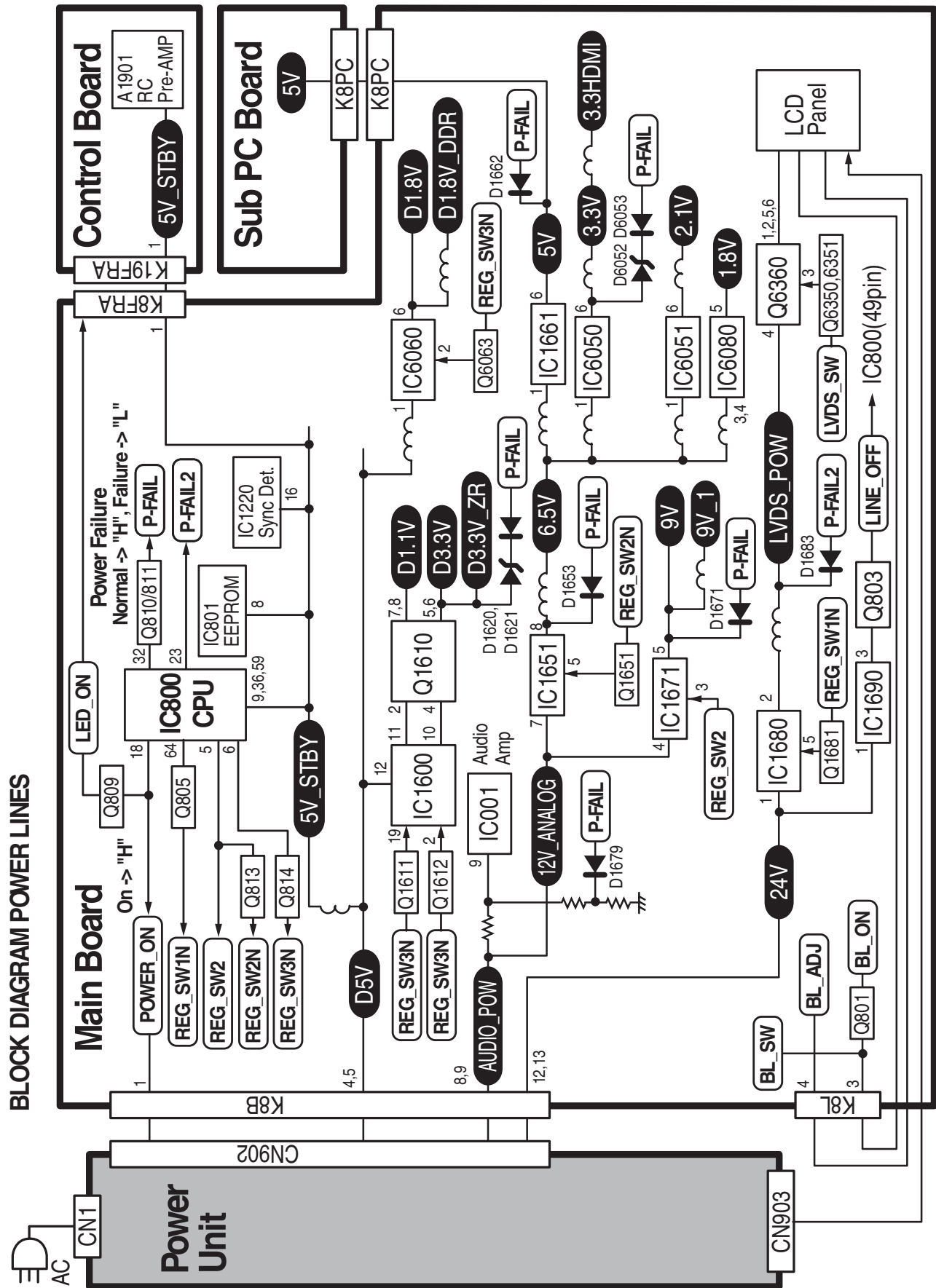
PC BOARD PART SIDE



PC BOARD SOLDER SIDE

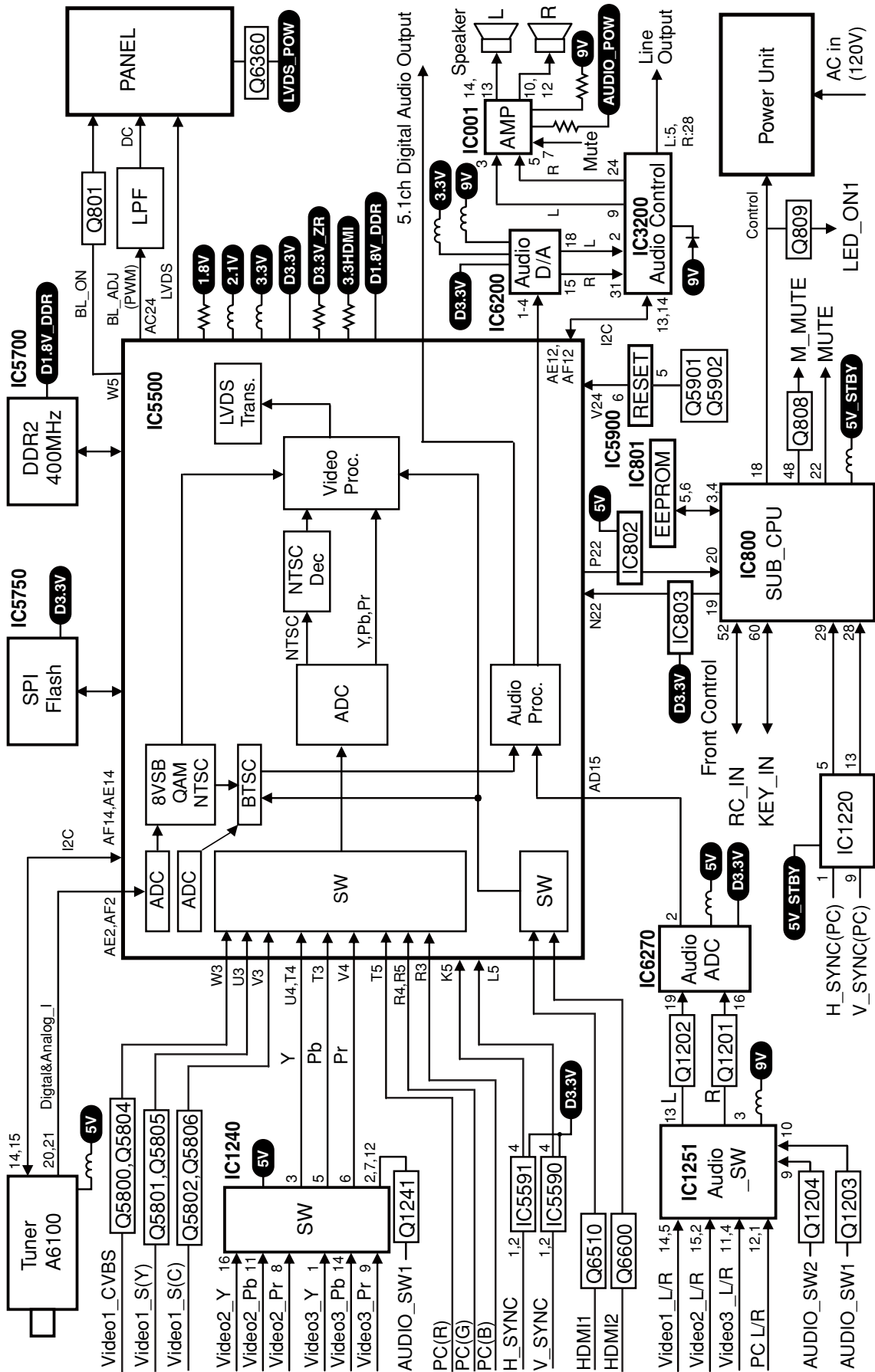


BLOCK DIAGRAM POWER LINES



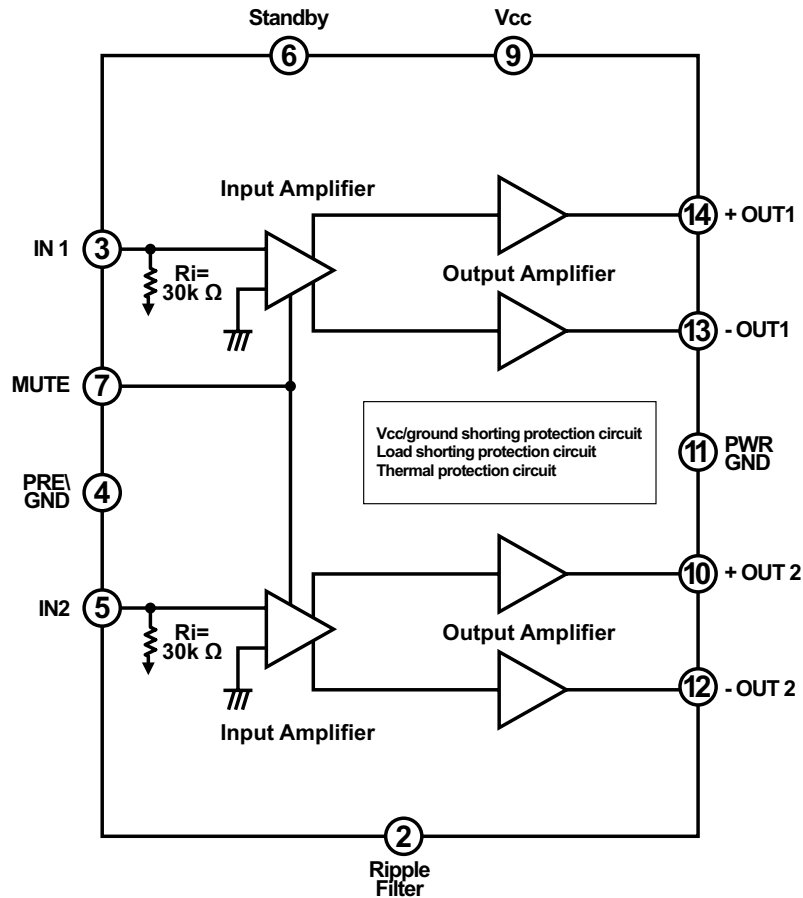
BLOCK DIAGRAM SIGNAL LINES

BLOCK DIAGRAM SIGNAL LINES

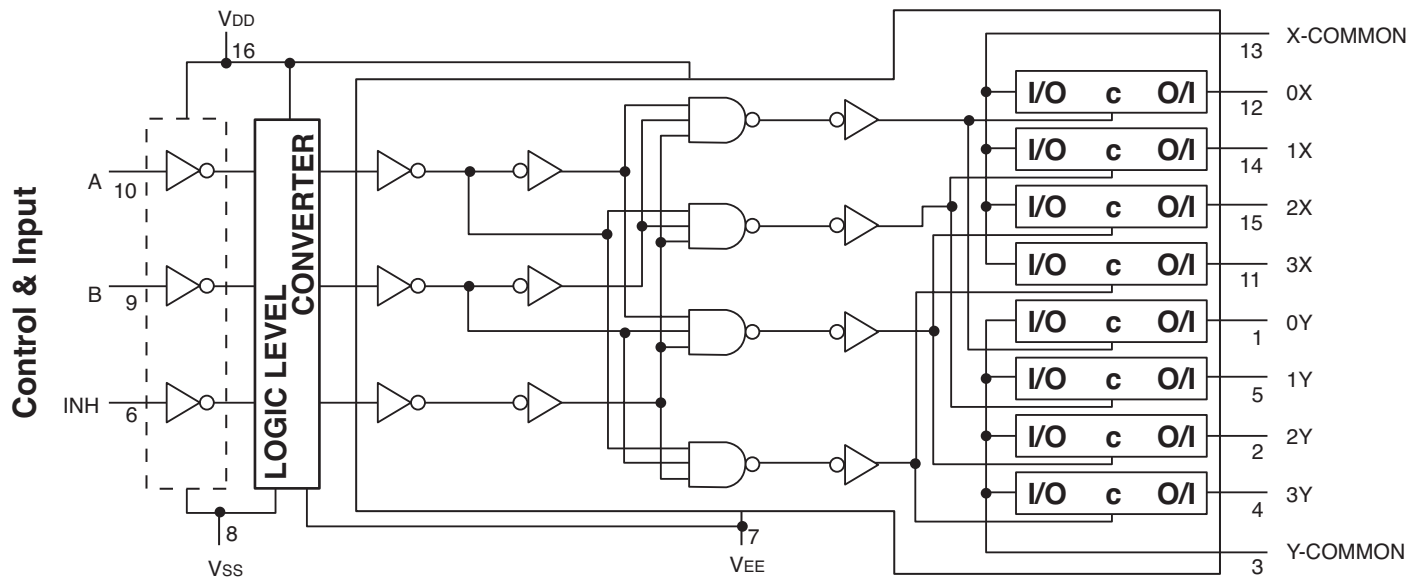


IC BLOCK DIAGRAMS

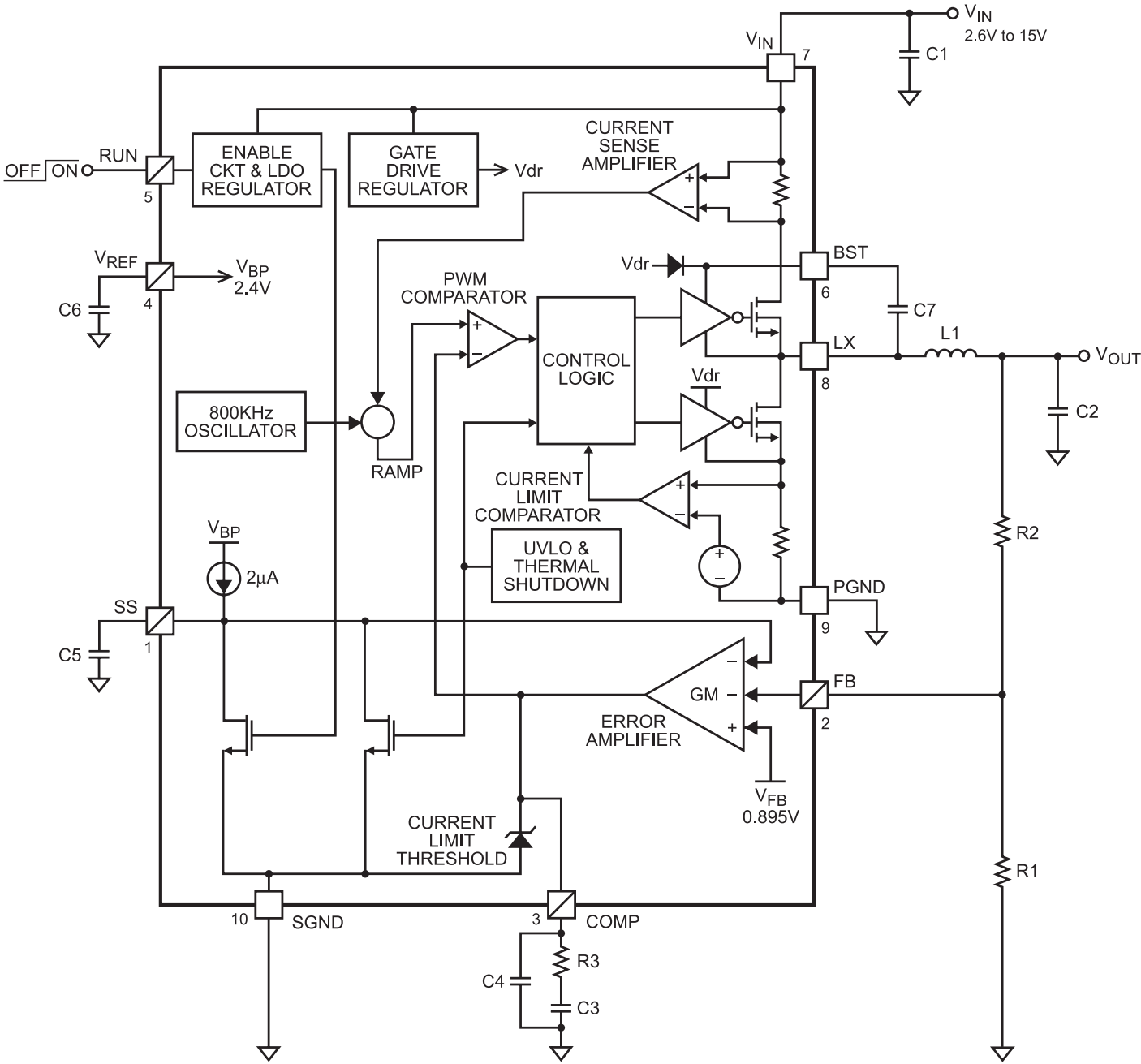
IC001, Audio AMP



IC1251 Video and Audio Select

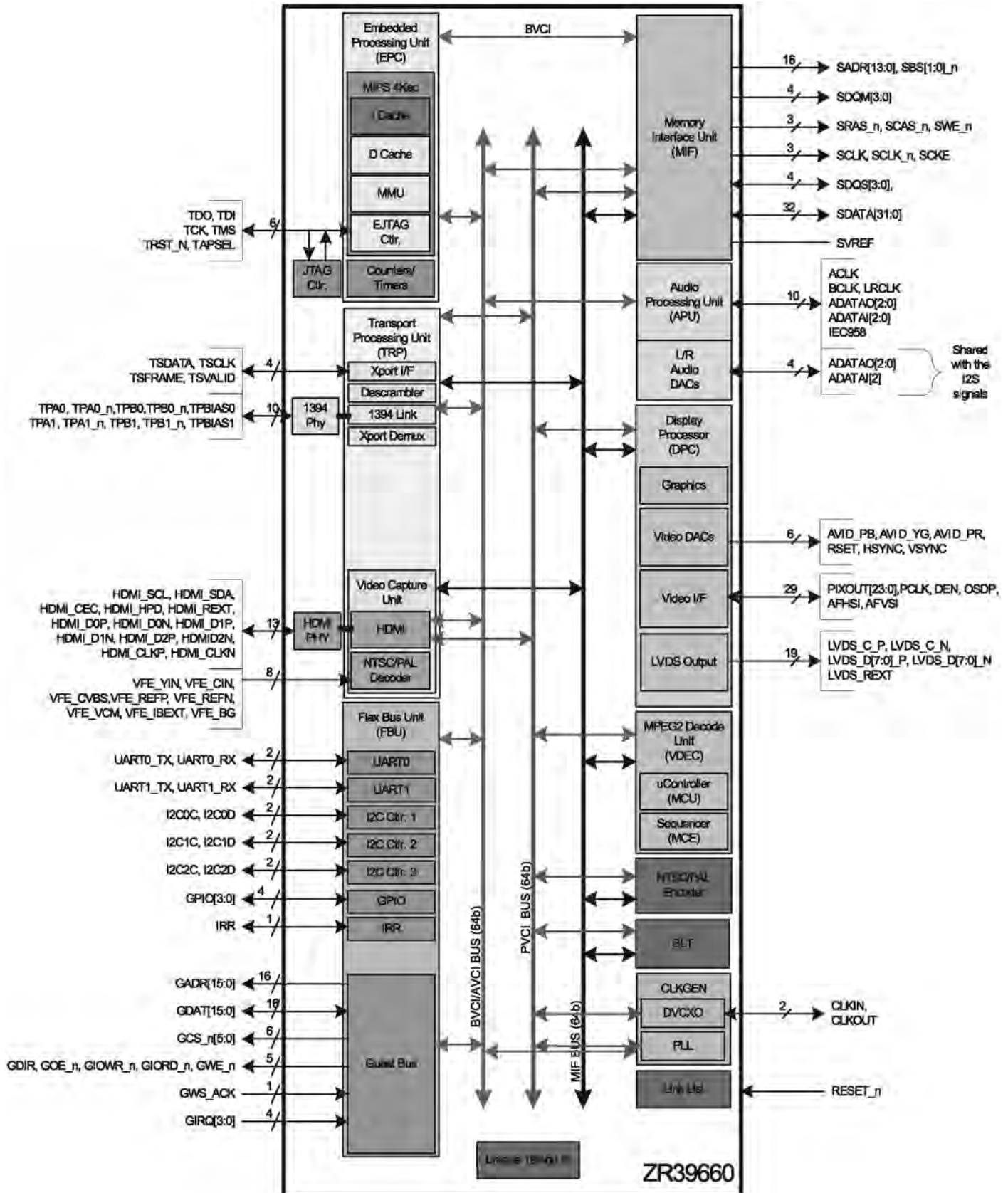


IC1651, DC to DC Converter

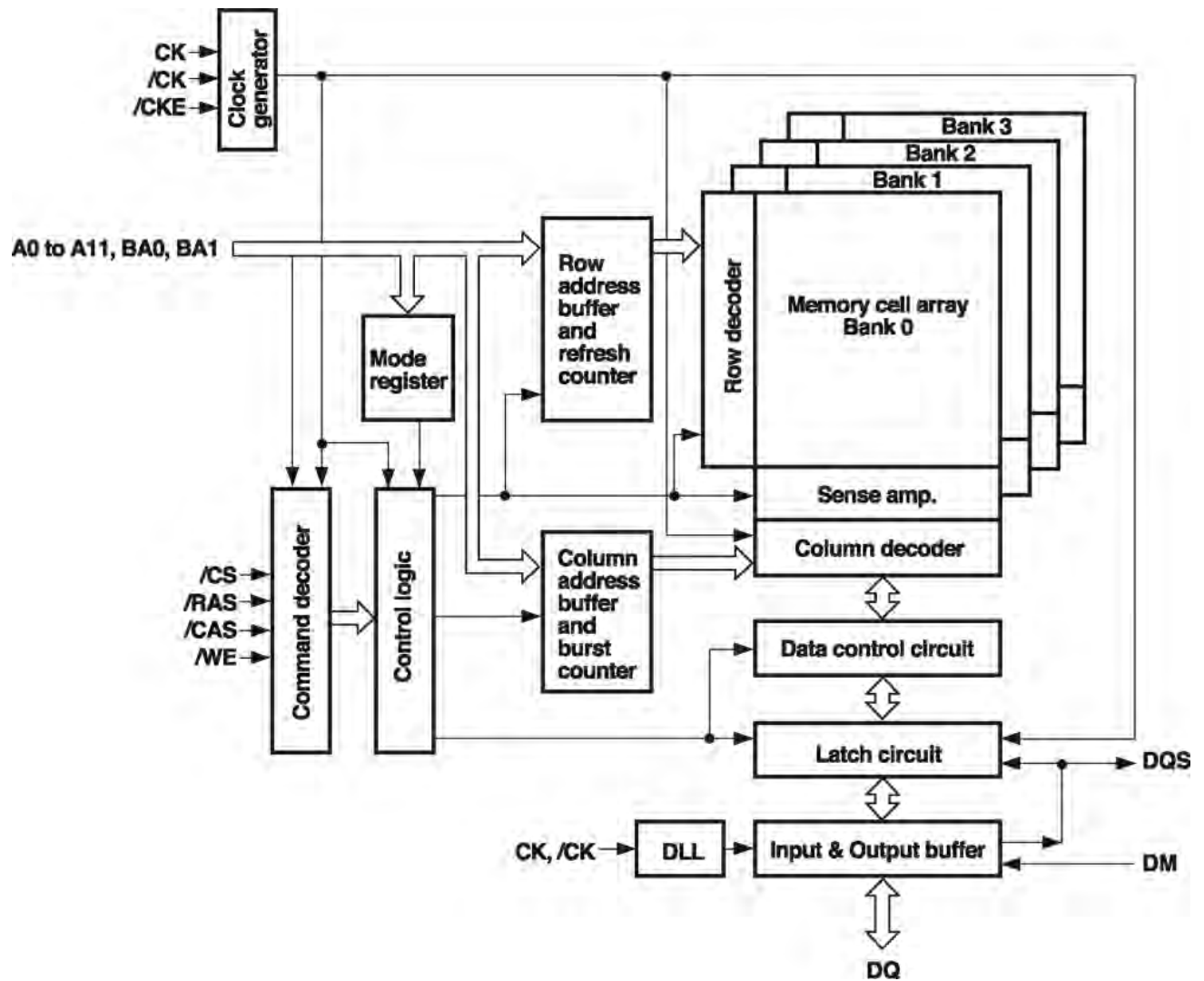


IC BLOCK DIAGRAMS (CONT.)

IC5500 Screen Controller

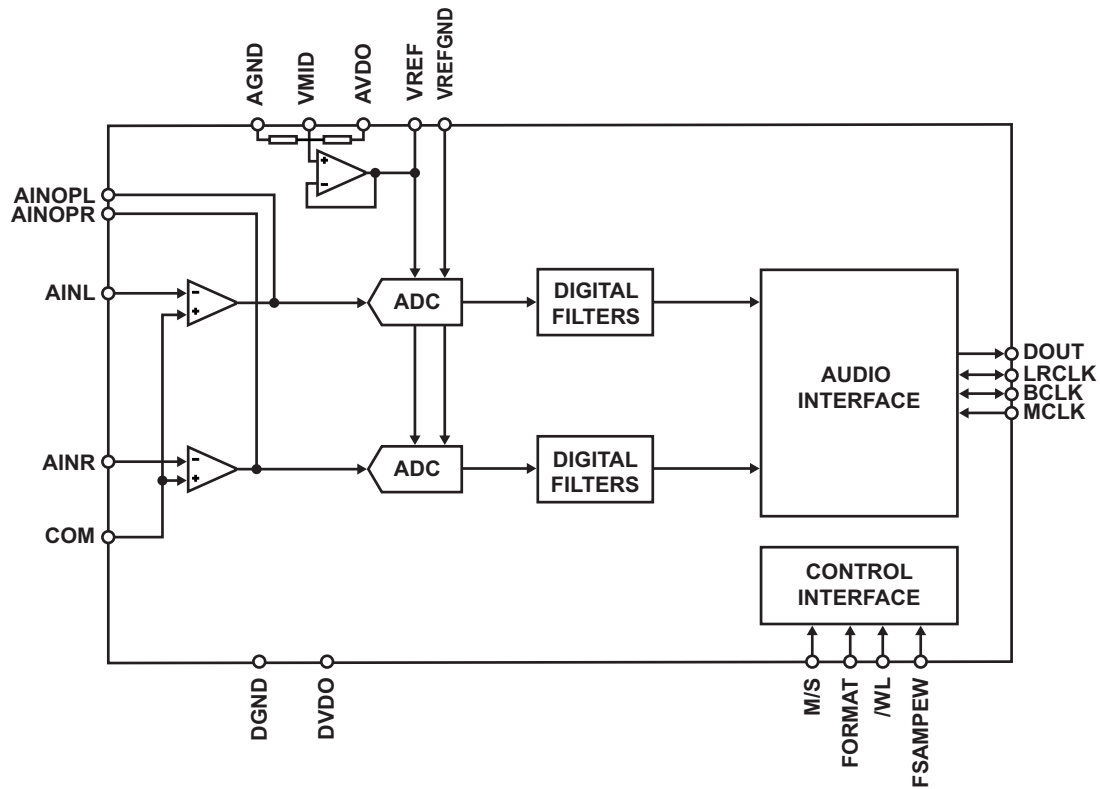


IC5700, DDR: Double Data Rate SDRAM

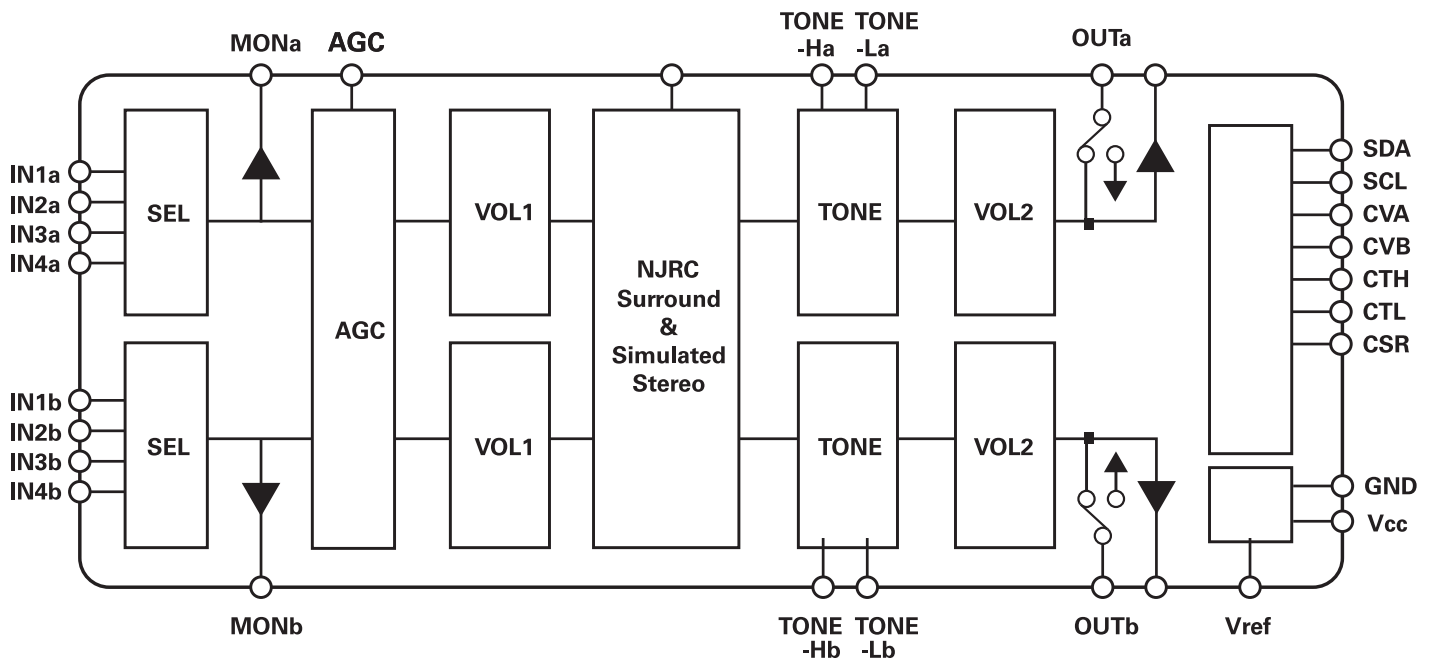


IC BLOCK DIAGRAMS (CONT.)

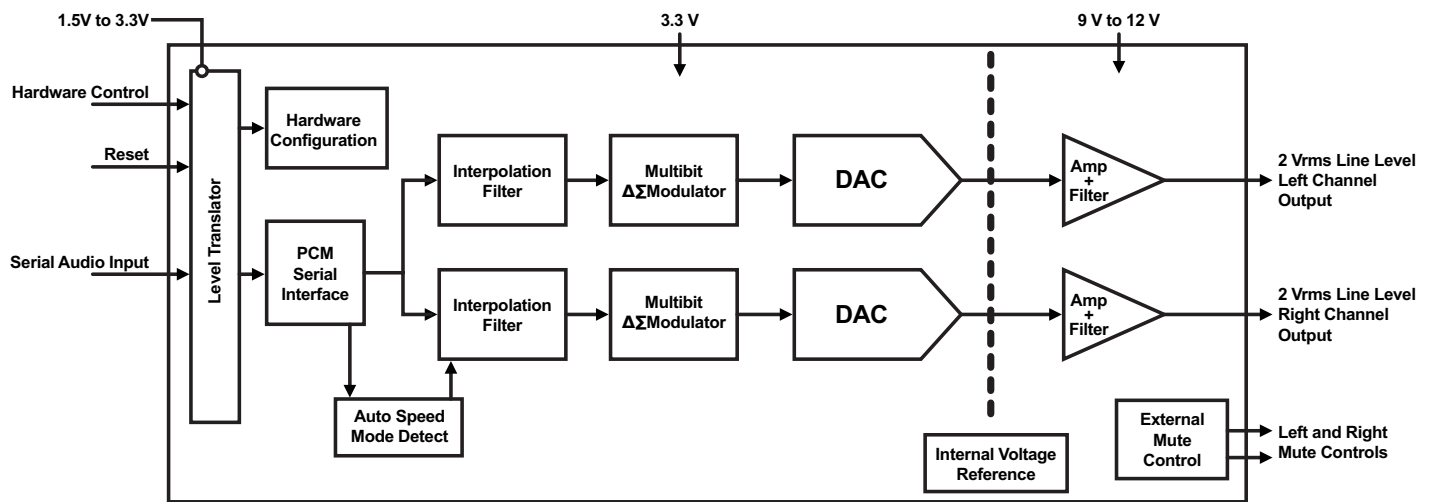
IC6270, Audio A/D



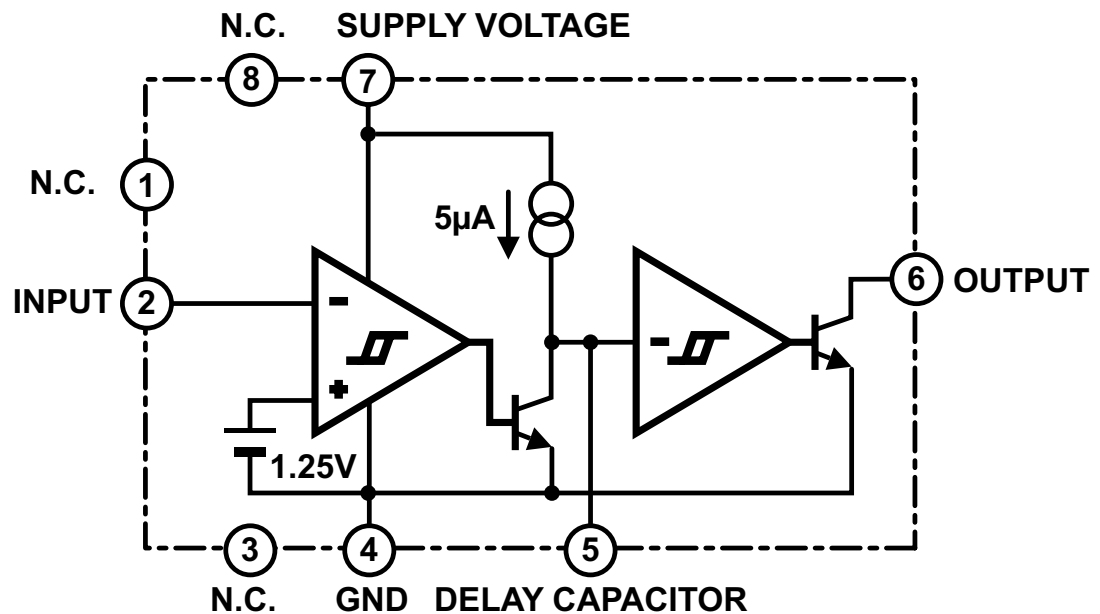
IC3200, Audio Controller



IC6200, Audio DAC

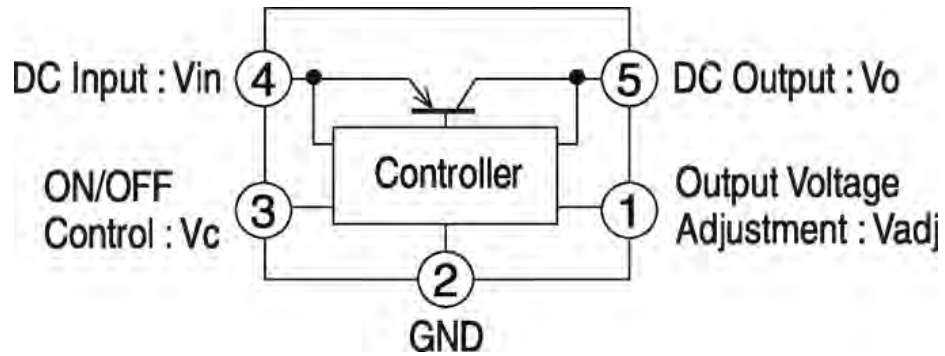


5900, Voltage detecting delay circuit

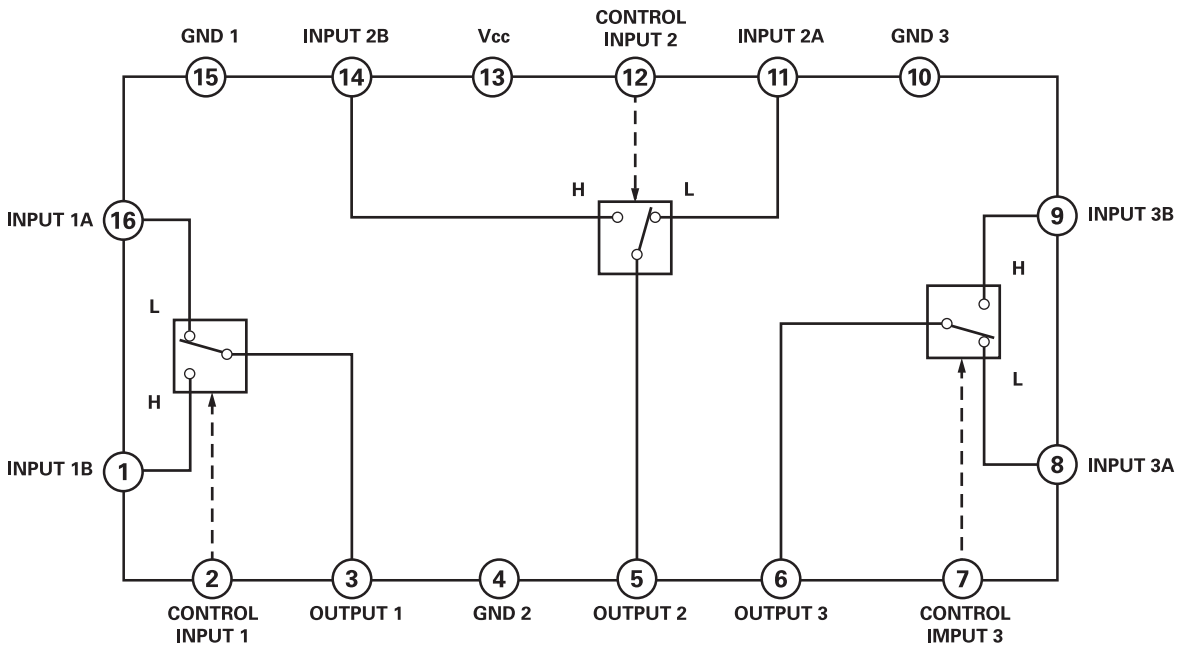


IC BLOCK DIAGRAMS (CONT.)

IC1671, DC to DC Converter

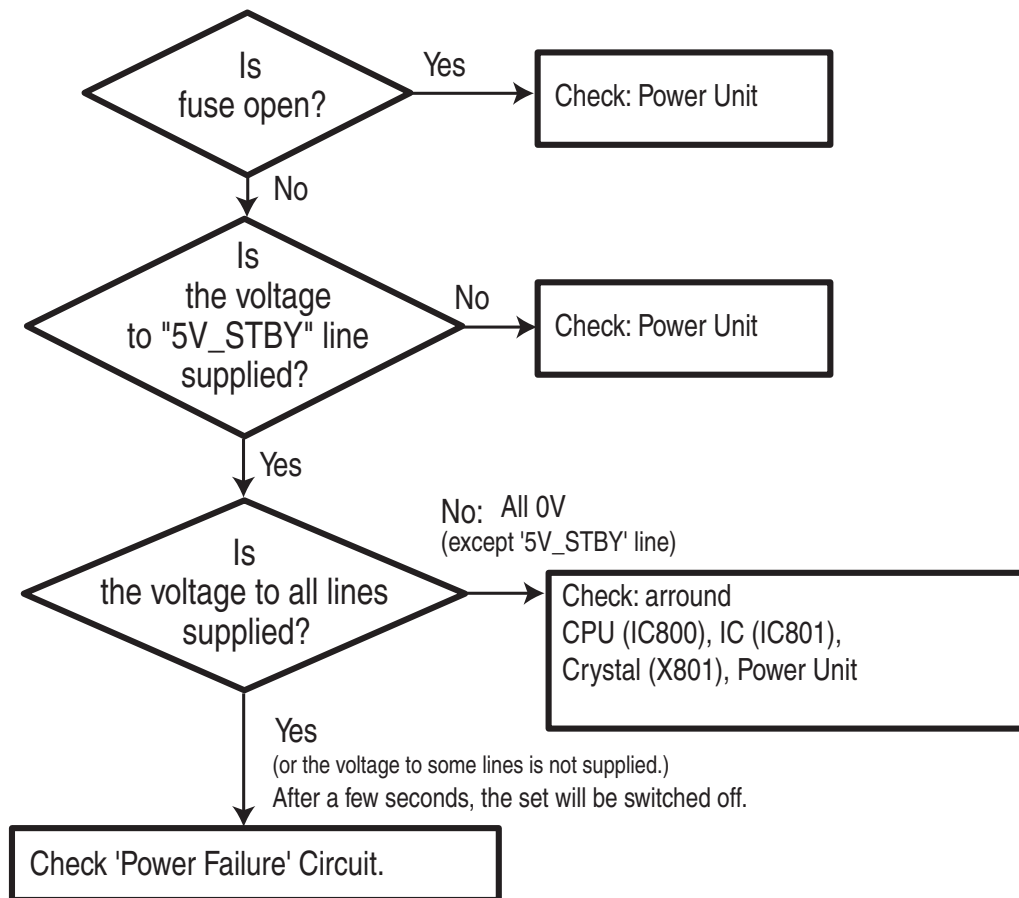


IC1240, Component Selector



TROUBLESHOOTING FLOW CHARTS

NO POWER



Power Failure Line

CPU (IC800) 32pin

Q810, Q811

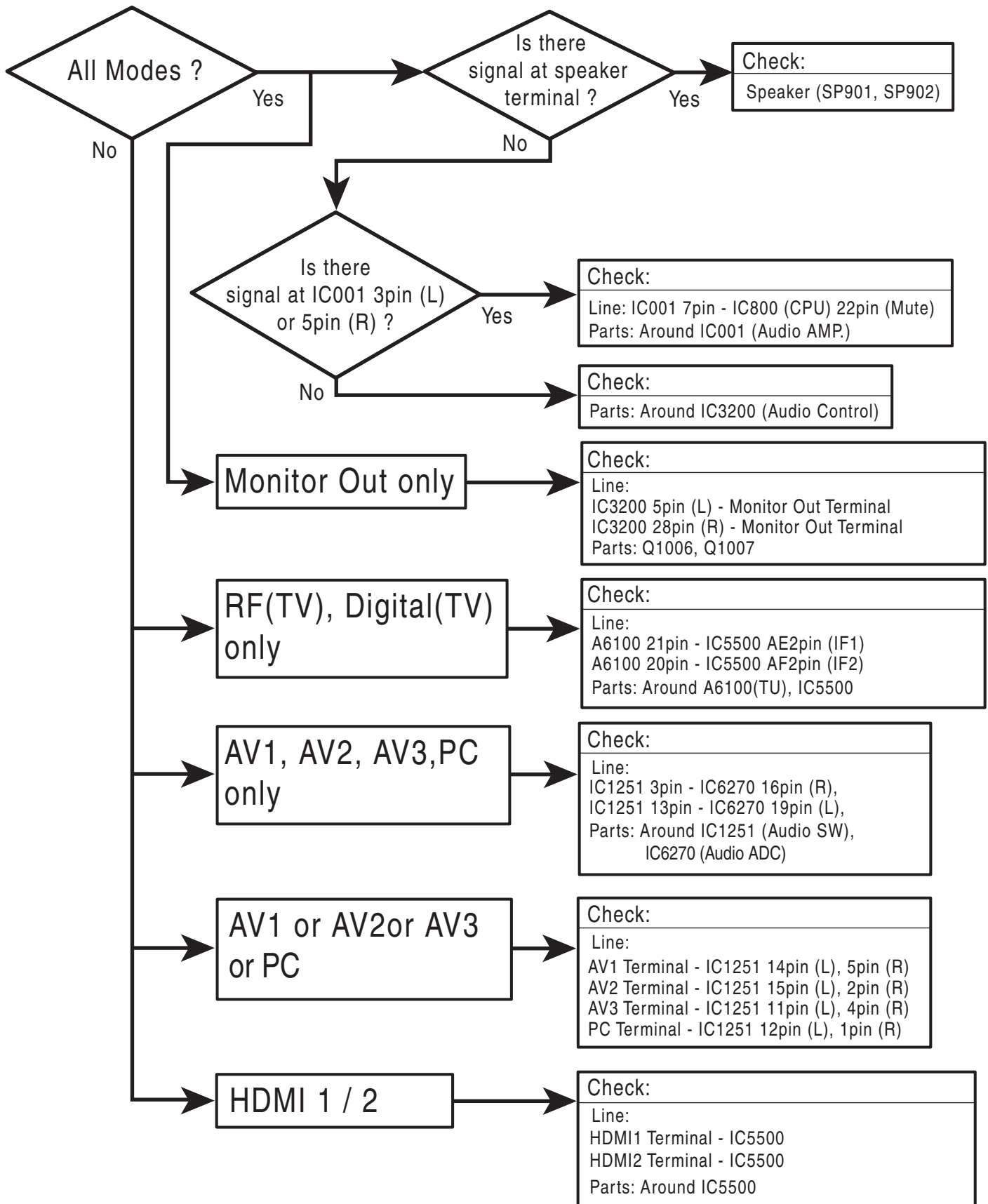
| Diod | Detected Voltage |
|-------------|------------------|
| D1671 | 9V |
| D6052/D6053 | 3.3V |
| D1620/D1621 | D3.3V |
| D1662 | 5V |
| D1653 | 6.5V |
| D1679 | AUDIO_POW |

CPU (IC800) 23pin

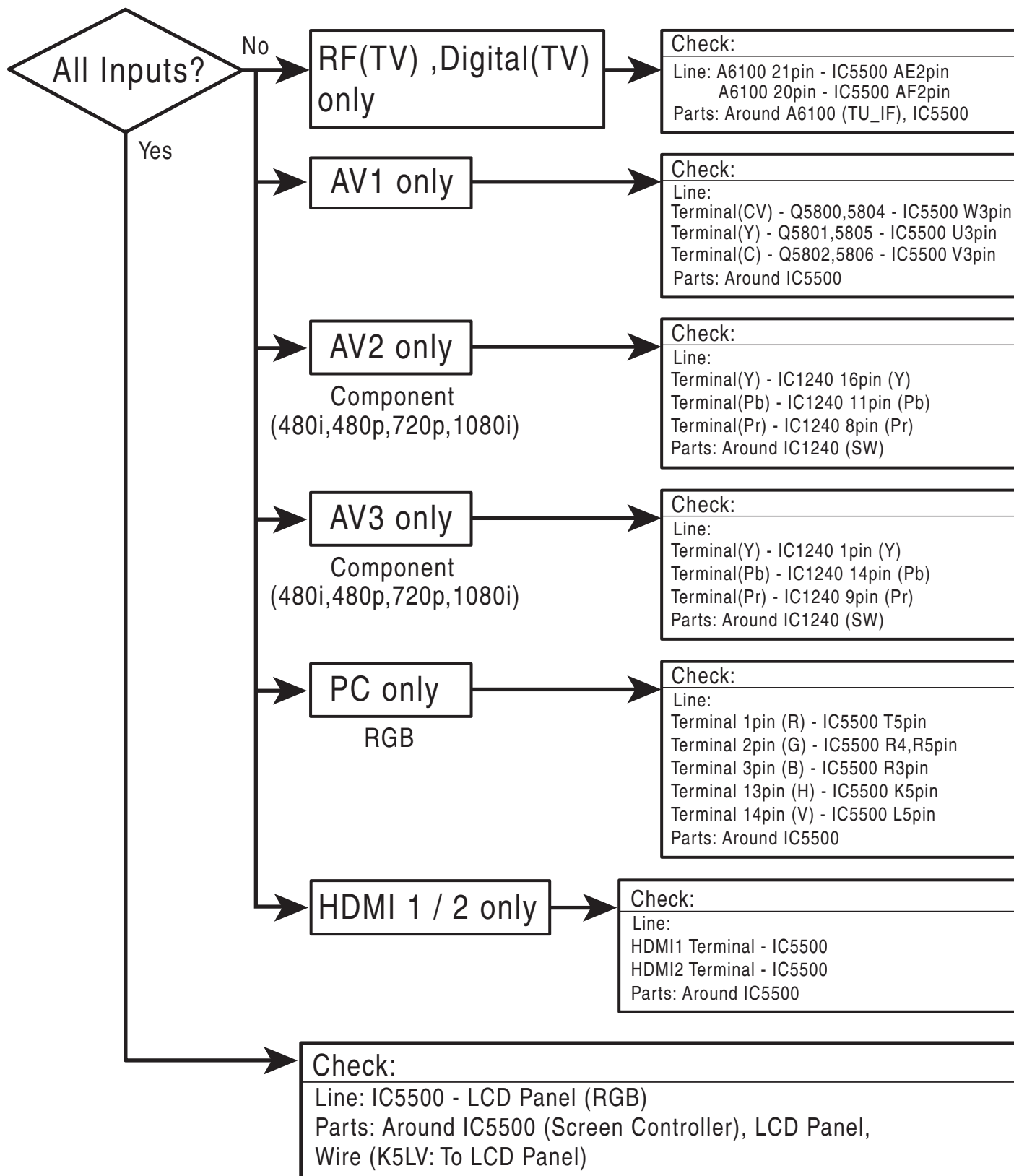
| Diod | Detected Voltage |
|-------|------------------|
| D1683 | LVDS_POW |

TROUBLESHOOTING FLOW CHARTS (CONT.)

NO AUDIO



NO VIDEO



CONTROL PORT FUNCTIONS

System Control (CPU : IC800)

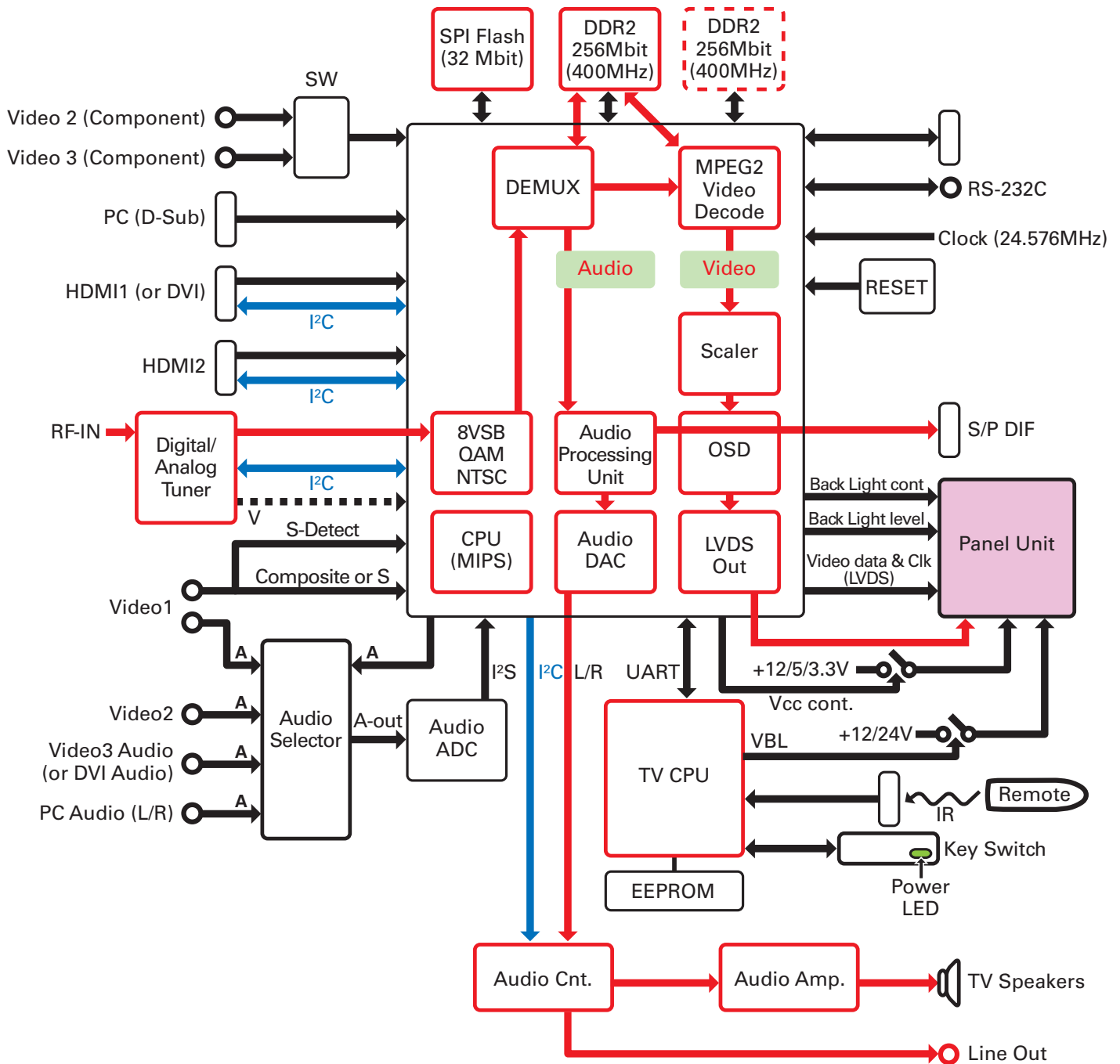
| Pin | Name | Function | I/O | Description |
|-----|--------------------|-----------------|---------|---|
| 1 | P12/SCK0 | Reserve | OUT | (OPEN) |
| 2 | P13/SO1 | Reserve | OUT | (OPEN) |
| 3 | P14/SI1/SB1 | IIC-BUS for NV | I/O | (DATA)Active 'L' for IC data NV |
| 4 | P15/SCK1 | IIC-BUS for NV | OUT | (CLOCK)Active 'L' for IIC clock NV |
| 5 | P16/T1PWML | REG SW2 | OUT | REG SW2 (ON:High OFF:Low) |
| 6 | P17/T1PWMH/BUZ | REG SW3 | OUT | REG SW3 (ON:High OFF:Low) |
| 7 | PWM2 | Reserve | OUT | (OPEN) |
| 8 | PWM3 | PWR_DET | IN | PWR_DET |
| 9 | VDD2 | Power IN | IN | 5V (5Vdc \pm 10%) |
| 10 | VSS2 | Vss | IN | GND (0Vdc) |
| 11 | P00 | Category2 | IN | Hard option |
| 12 | P01 | Category1 | IN | Hard option |
| 13 | P02 | Category0 | IN | Hard option |
| 14 | P03 | Panel Size2 | IN | Hard option |
| 15 | P04 | Panel Size1 | IN(OUT) | Hard option |
| 16 | P05/CKO | Panel Size0 | IN(OUT) | Hard option |
| 17 | P06/T6O | LED CNTRL | OUT | LED control Power on/PC standby:High, Standby:Low |
| 18 | P07/T7O | TV Relay out | OUT | POWER Relay SW ON:High OFF:Low |
| 19 | P20/UTX/INT4/T1IN | UART OUT | OUT | Digital Module microcomputer piece confidence |
| 20 | P21/URX/INT4/T1IN | UART IN | IN | Digital Module microcomputer piece confidence |
| 21 | P22/INT4/T1IN | PC Standby LED | OUT | (OPEN) |
| 22 | P23/INT4/T1IN | Audio MUTE | OUT | MUTE ON:High OFF:Low |
| 23 | P24/INT5/T1IN | Power Fail-2 IN | IN | LVDS Power Fail |
| 24 | P25/INT5/T1IN | Reserve | OUT | (OPEN) |
| 25 | P26/INT5/T1IN | Reserve | IN | (GND) |
| 26 | P27/INT5/T1IN | Reserve | OUT | (OPEN) |
| 27 | PB7 | RESET_TV | OUT | Low(Reserve) |
| 28 | PB6 | VS_DET | IN | Detect VS (Detect:High, PC Input) |
| 29 | PB5 | GonS_DET | IN | Detect HS (Detect:High, PC Input) |
| 30 | PB4 | Reserve | OUT | (OPEN) |
| 31 | PB3 | Reserve | OUT | (OPEN) |
| 32 | PB2 | Power Fail-1 IN | IN | TV Power Error (L)/Others (H) |
| 33 | PB1 | Reserve | OUT | (OPEN) |
| 34 | PB0 | Solution | IN | Solution Option (High:US1H Low:US1F) |
| 35 | VSS3 | Vss | IN | GND (0Vdc) |
| 36 | VDD3 | Power IN | IN | 5V (5Vdc \pm 10%) |
| 37 | PC7 | DBGP2 | IN | Terminal for De-Bug 3 |
| 38 | PC6 | DBGP1 | I/O | Terminal for De-Bug 2 |
| 39 | PC5 | DBGP0 | I/O | Terminal for De-Bug 1 |
| 40 | PC4 | CLK | IN | Writing on board (CLK) |
| 41 | PC3 | DATA0 | I/O | Writing on board (DATA0) |
| 42 | PC2 | ENA/DATA1 | I/O | Writing on board (ENA/DATA1) |
| 43 | PC1 | Ack out | OUT | For factory use |
| 44 | PC0 | STATUS in | IN | For factory use |
| 45 | P86/AN6 | Reserve | OUT | (OPEN) |
| 46 | P85/AN5 | Reserve | OUT | (OPEN) |
| 47 | P84/AN4 | Reserve | IN | GND or Pull-up |
| 48 | P83 | M_OUT MUTE | OUT | Monitor Out Mute MUTE ON:Low OFF:High |
| 49 | P70/INT0/T0LCP/AN8 | LINE OFF | IN | Detect AC Voltage Reduction (Normal: High) |
| 50 | P71/INT1/T0HCP/AN9 | Reserve | OUT | (OPEN) |
| 51 | P72/INT2/T0IN | Reserve | OUT | (OPEN) |

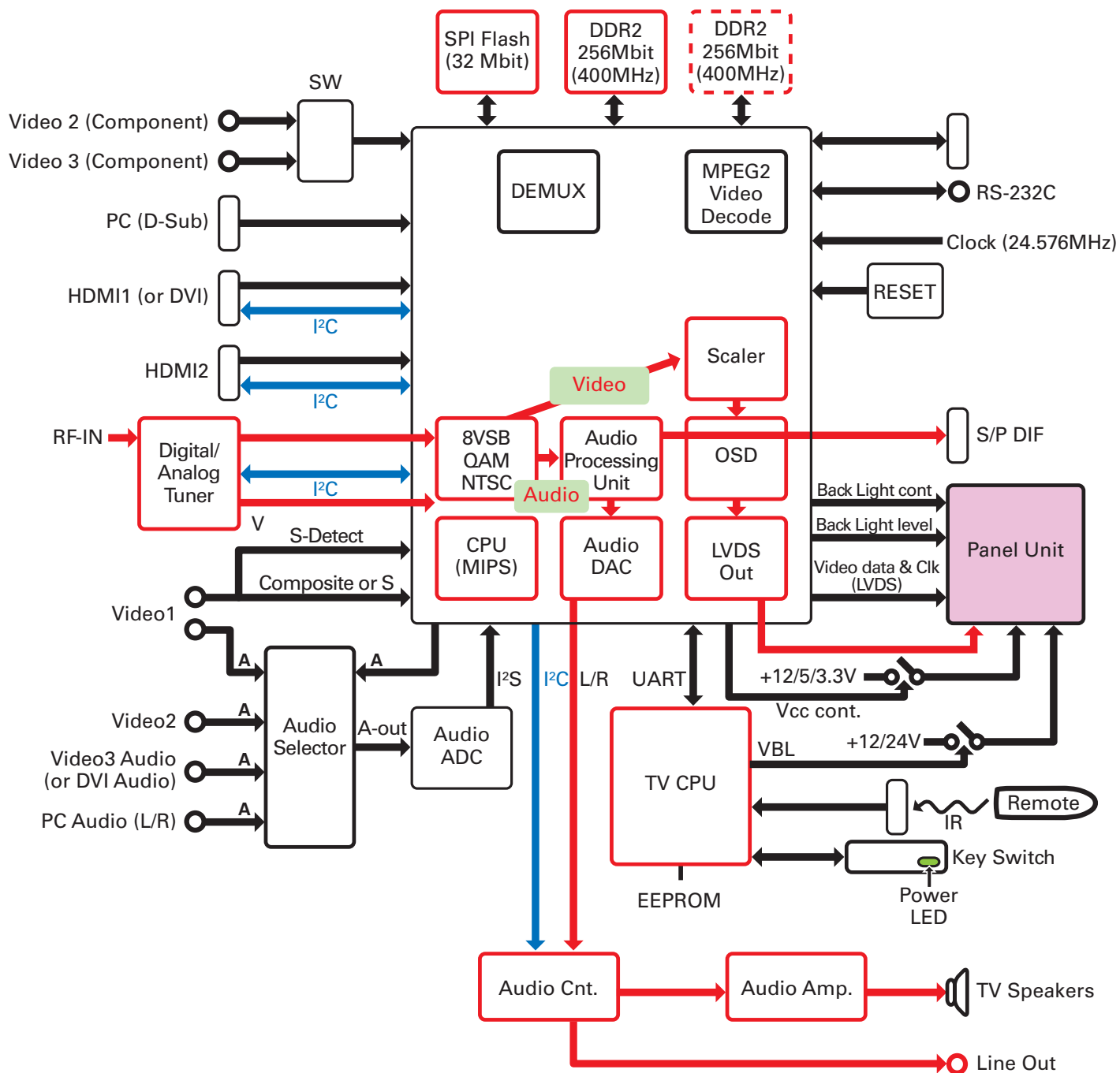
CONTROL PORT FUNCTIONS (CONT.)

System Control (CPU : IC800 Cont.)

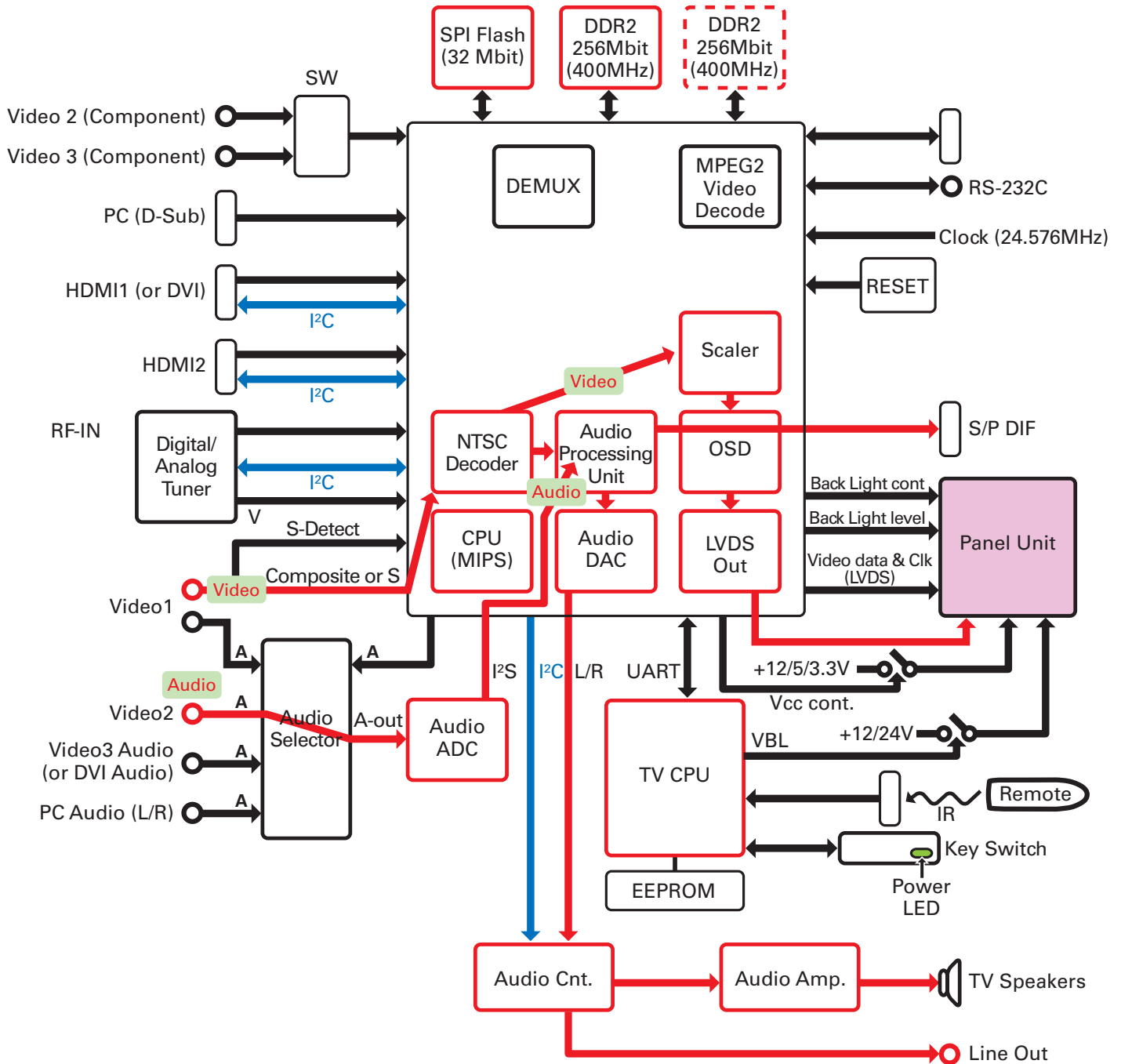
| Pin | Name | Function | I/O | Description |
|-----|---------------|--------------|-----|---|
| 52 | P73/INT3/T0IN | Rcin | IN | RC Input |
| 53 | RES | RESET in | IN | Microcomputer Reset RESET:Low Normal:High |
| 54 | XT1/AN10 | Xin | IN | Connect to VDD1 |
| 55 | XT2/AN11 | Reserve | OUT | (OPEN) |
| 56 | VSS1 | Vss | IN | GND (0Vdc) |
| 57 | CF1 | Xti | IN | Main Clock IN (Fosc=8MHz) |
| 58 | CF2 | Xto | OUT | Main Clock OUT (Fosc=8MHz) |
| 59 | VDD1 | Power IN | IN | 5V (5Vdc \pm 10%) |
| 60 | AN0 | Key in | IN | Key input |
| 61 | AN1 | AFT(Reserve) | IN | GND |
| 62 | P82 | PANEL READY | IN | Panel Ready (for PDP) OK:High NG:Low |
| 63 | P10/SO0 | VS-ON | OUT | VS-ON(for PDP) ON:High OFF:Low |
| 64 | P11/SI0/SB0 | REG SW1 | OUT | REG SW1 (ON:High OFF:Low) |

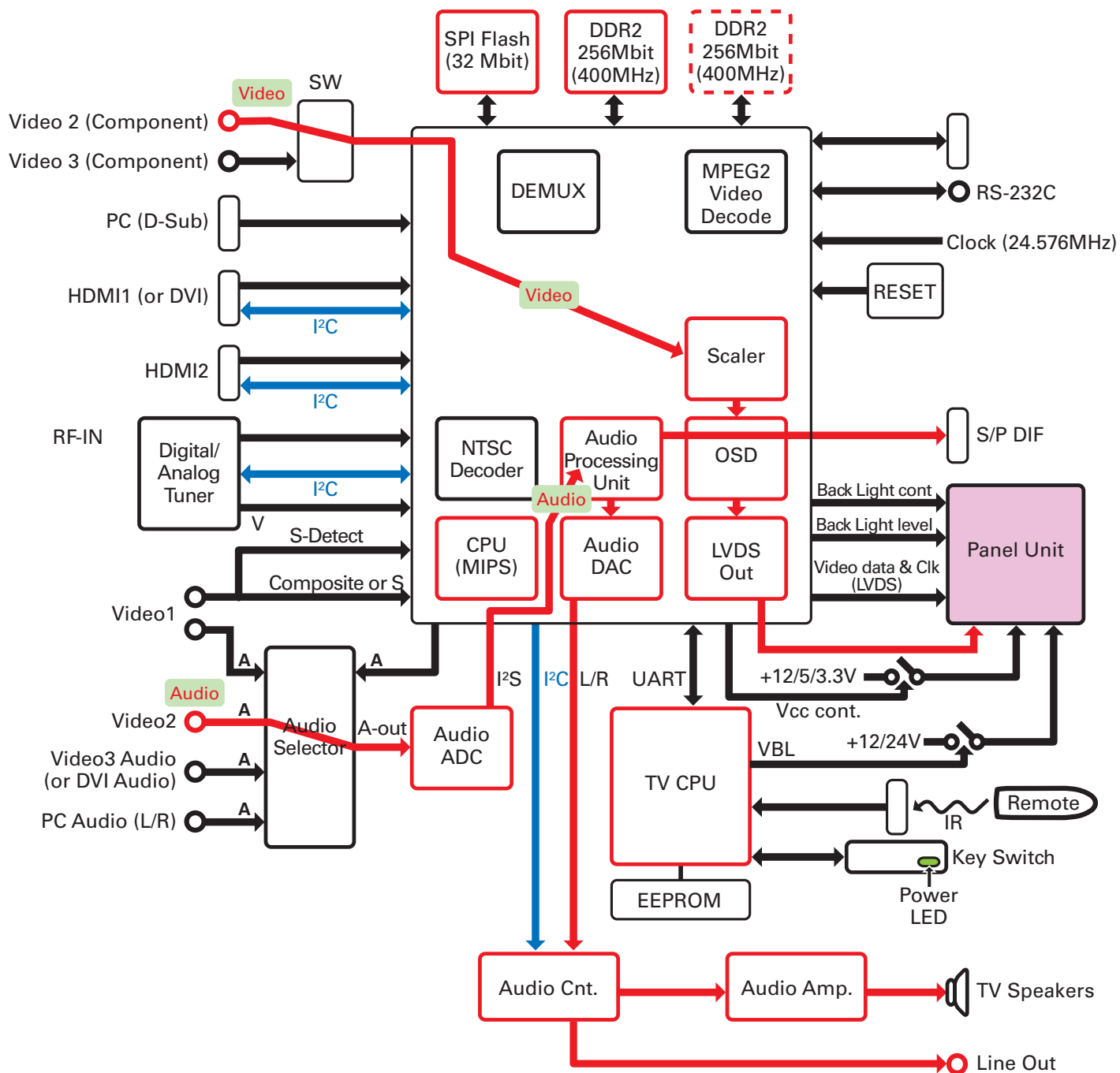
SIGNAL FLOW CHARTS



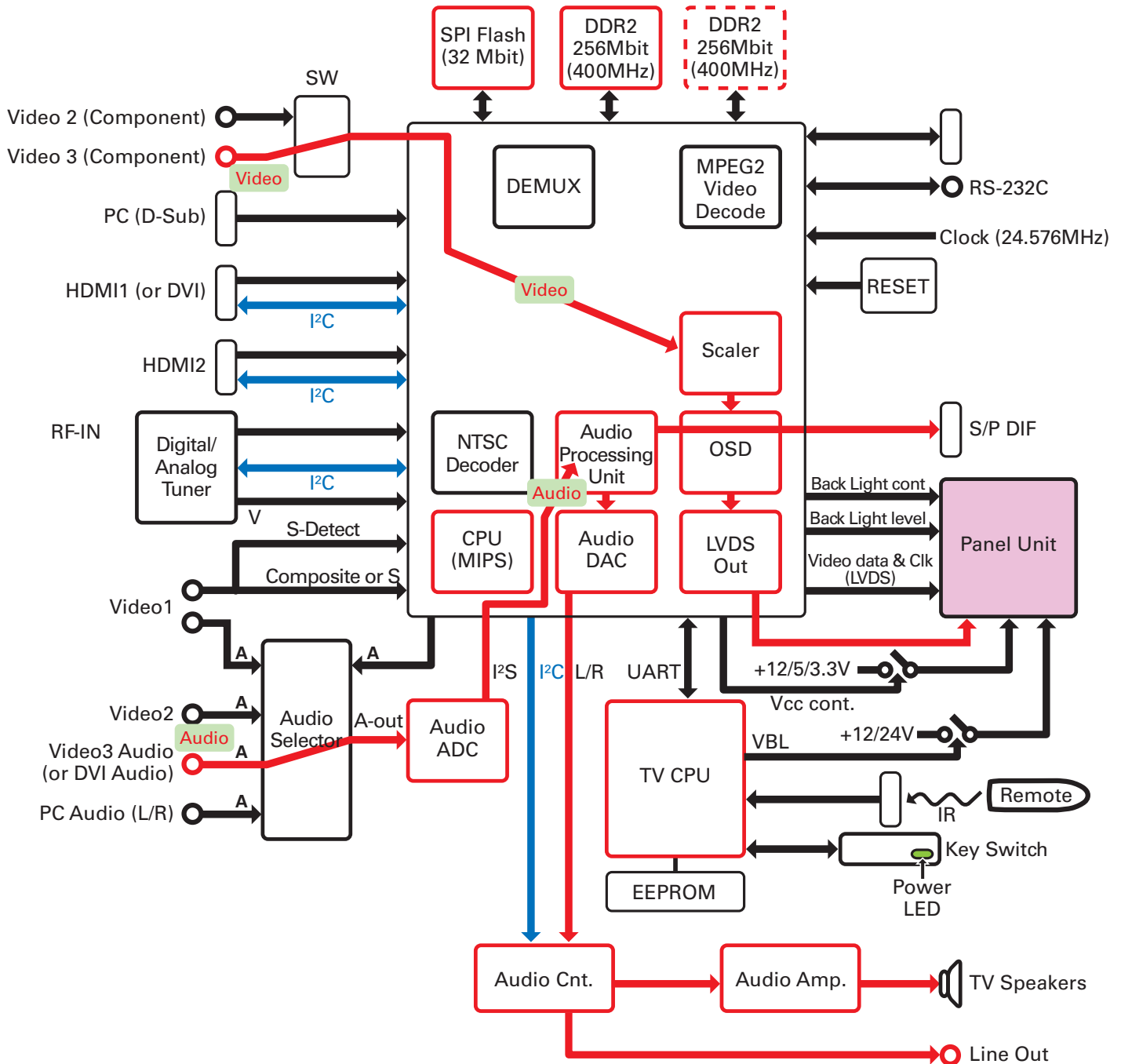


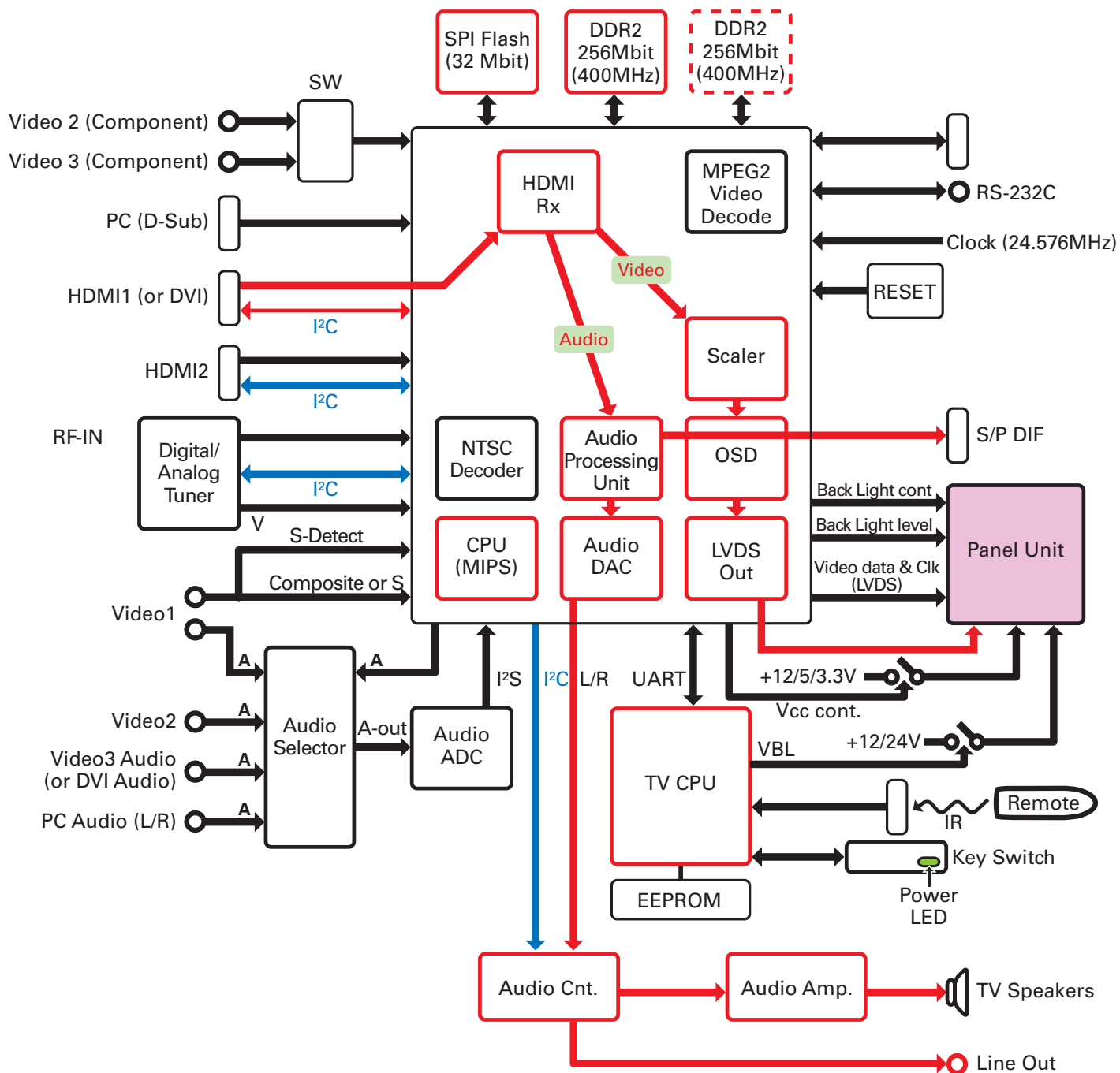
SIGNAL FLOW CHARTS (CONT.)



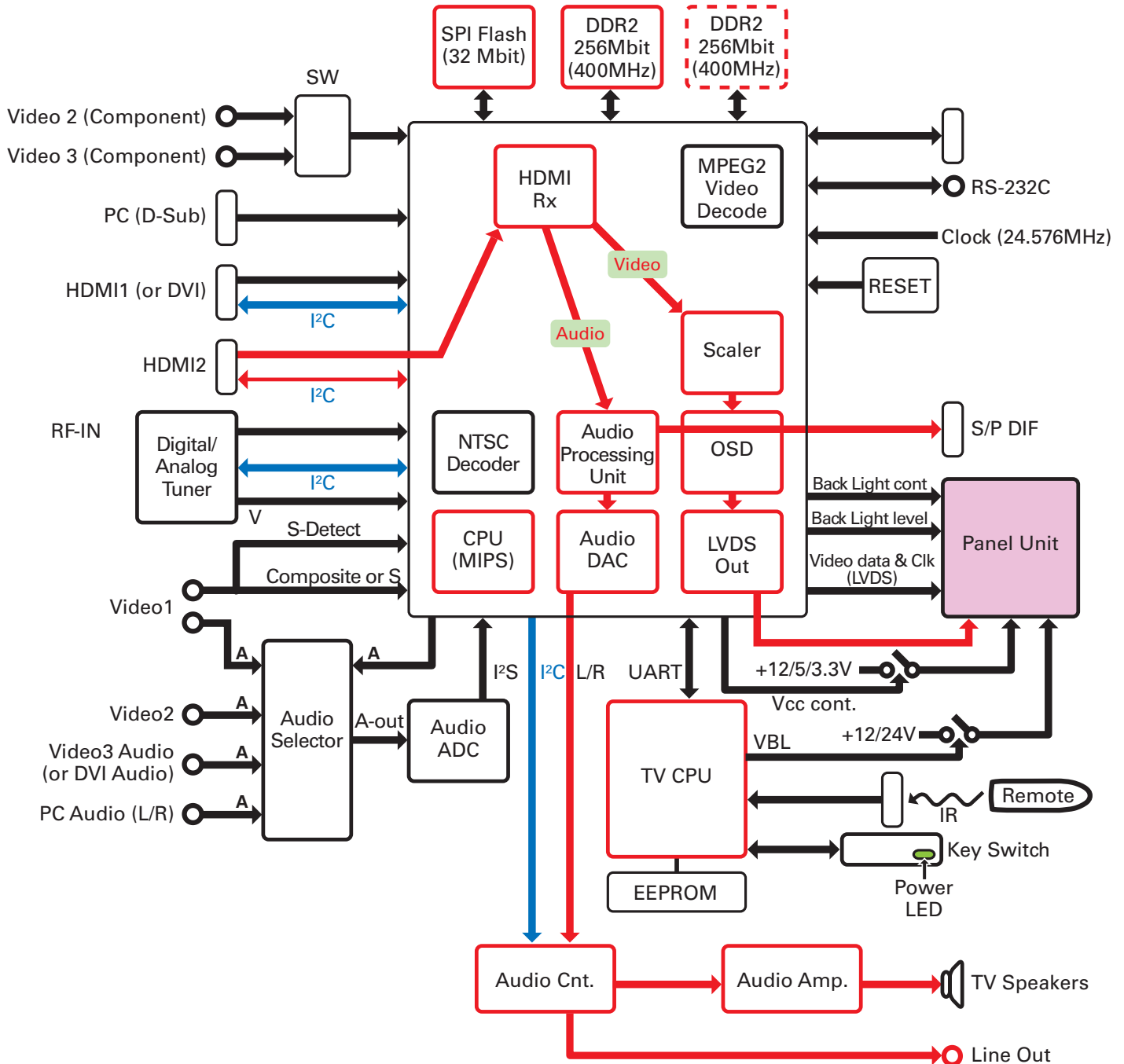


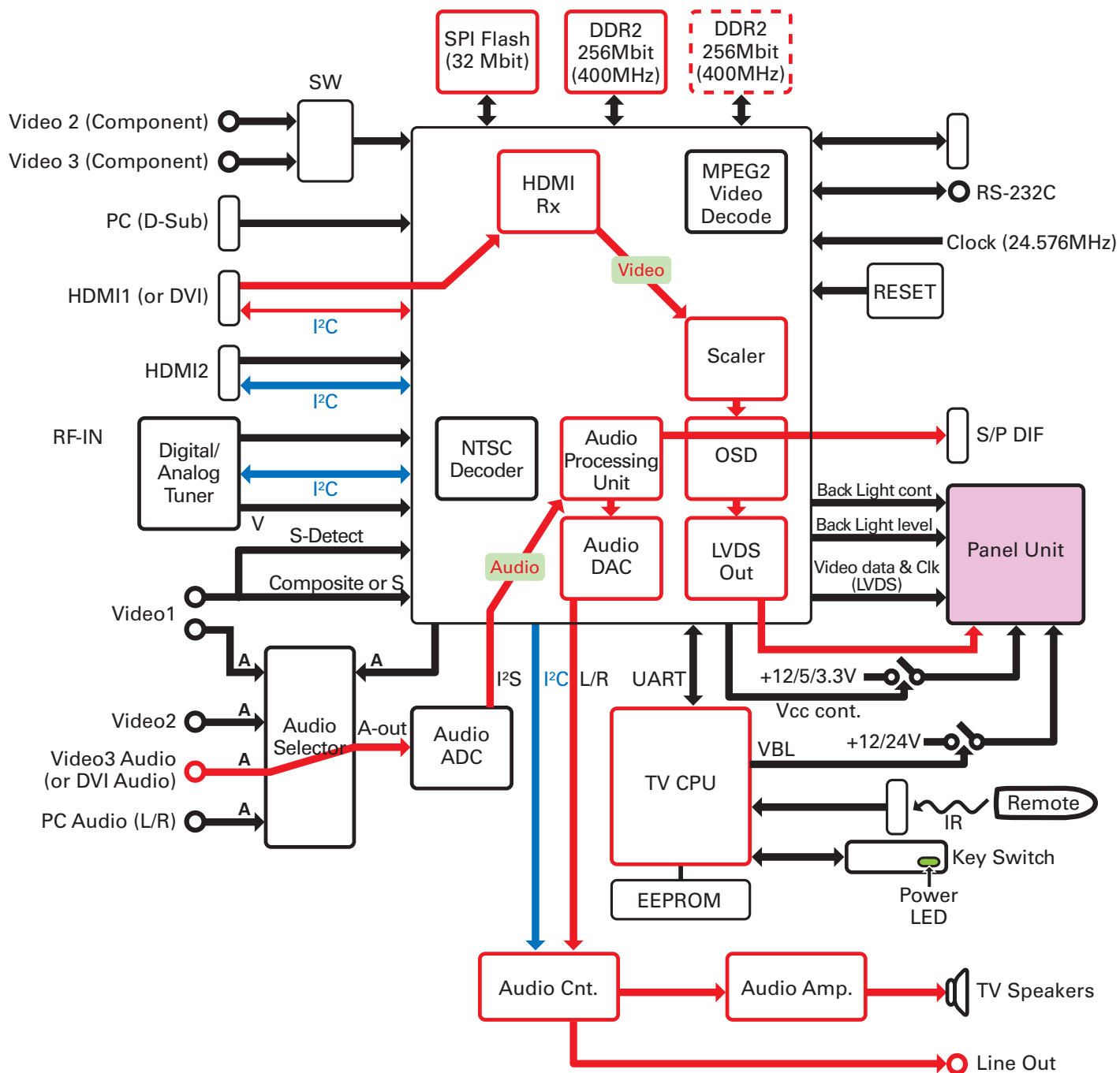
SIGNAL FLOW CHARTS (CONT.)



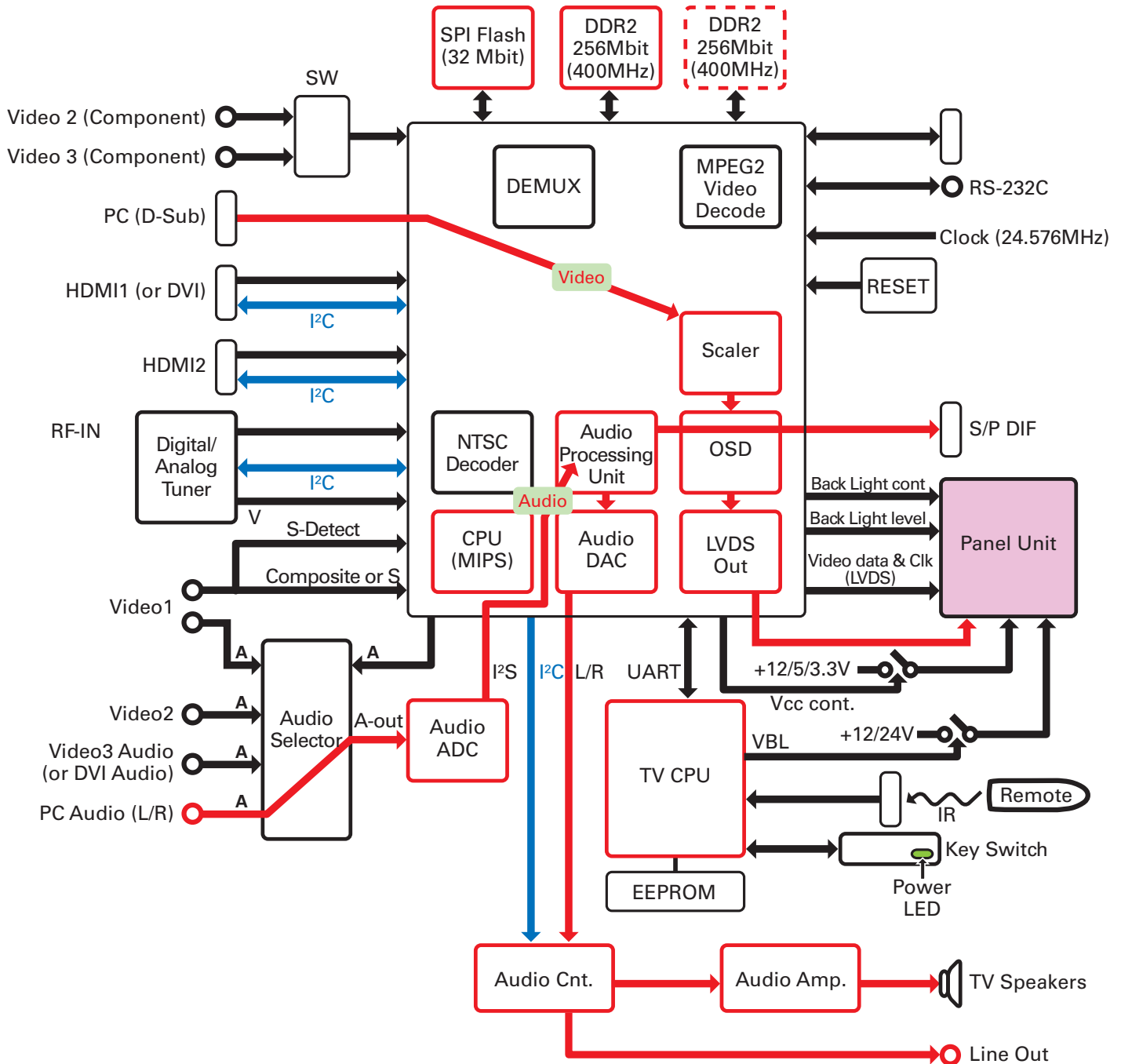


SIGNAL FLOW CHARTS (CONT.)








SIGNAL FLOW CHARTS (CONT.)



SCHEMATIC NOTES

NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerance and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in μF (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. The Symbol  indicates a fusible resistor, which protects the circuit from possible short circuits.
7. Parts enclosed with  are related with X-radiation.
8. Isolation border line. Cold Side  Hot Side
9. Schematic part location numbers may not always match the schematic symbols.
The schematic symbols and part descriptions are correct and should be used.
The part descriptions will be listed under the location number in the parts list.





ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

SERVICE NOTES:

1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

PRODUCT SAFETY NOTICE

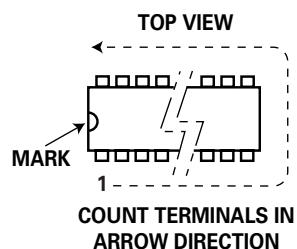
THE COMPONENTS DESIGNATED BY A  ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A  NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

PROPER DISPOSAL

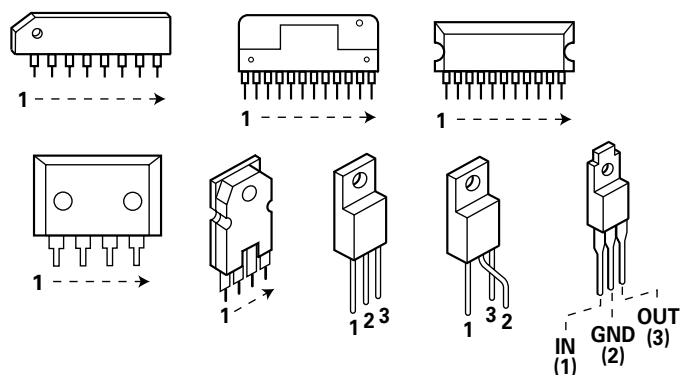
Color Televisions can contain hazardous materials including but not limited to lead and mercury. Dispose of CRTs, LCD Panels, LCD Panel Lamps, Plasma Displays and Circuit Boards according to all Federal, State and Local laws and guidelines.

IC, DIODE, AND TRANSISTOR PIN LAYOUTS

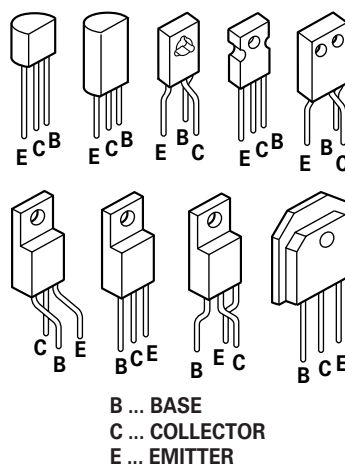
INTEGRATED CIRCUITS



SIDE VIEW

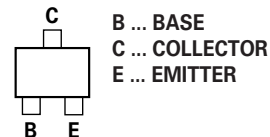


TRANSISTORS

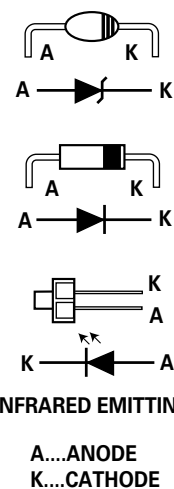


CHIP TRANSISTORS

TOP VIEW

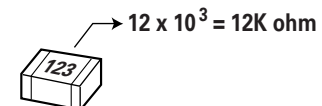


DIODES

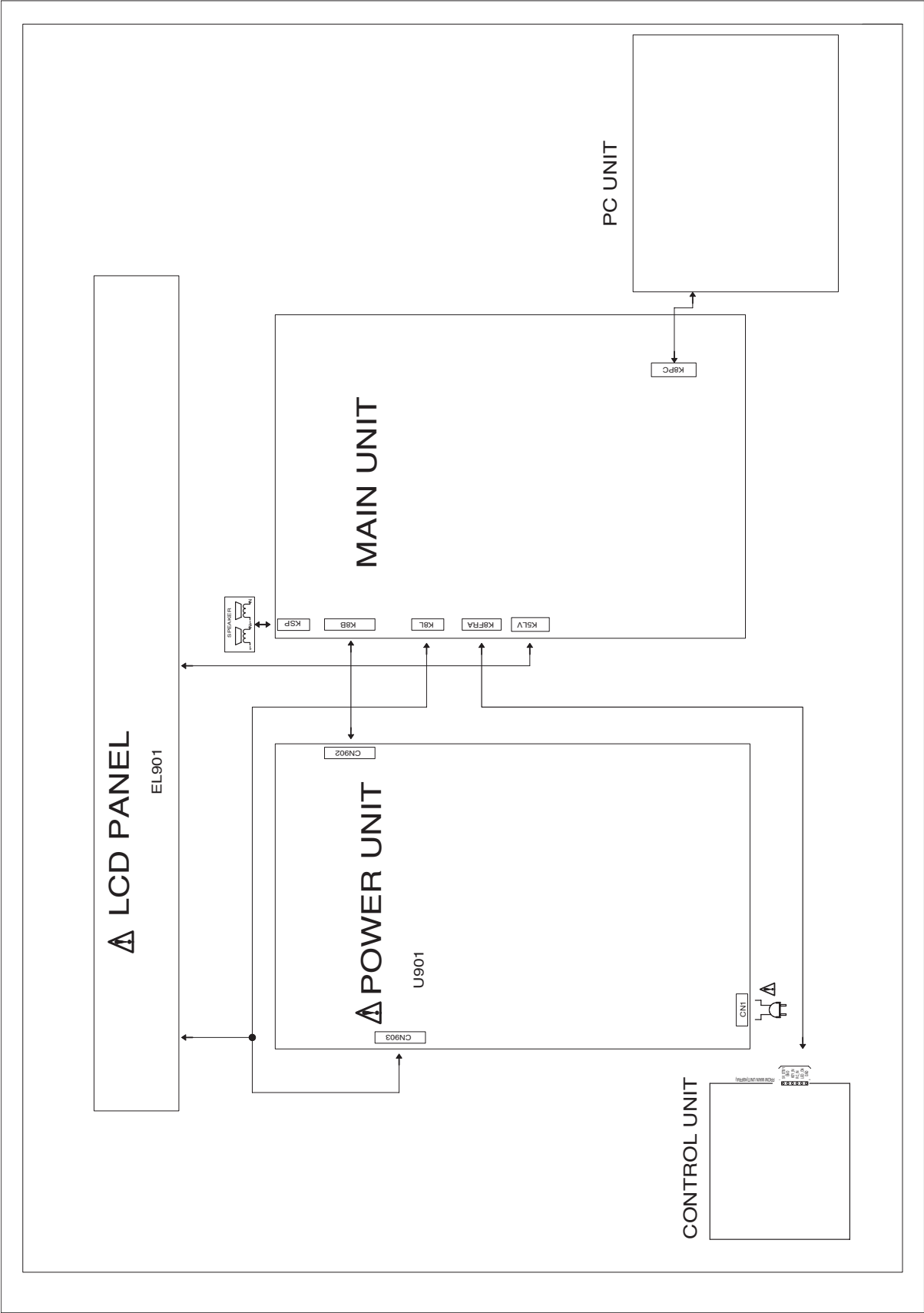


CHIP RESISTORS

TOP VIEW

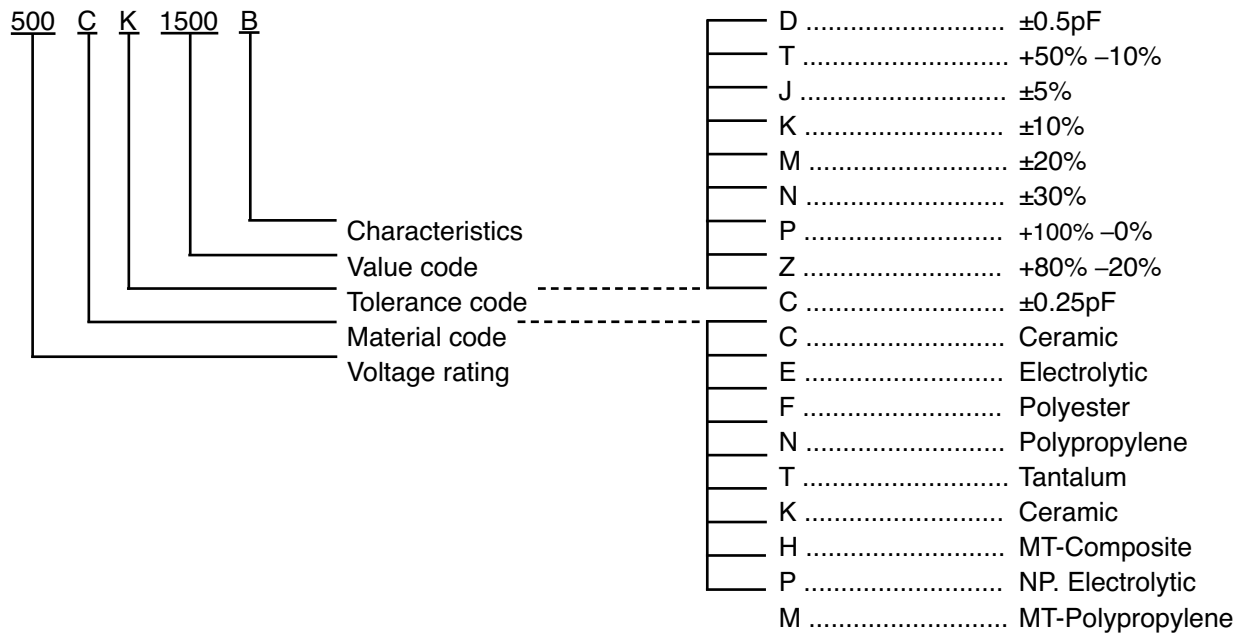


PC BOARD CONNECTIONS AND LOCATIONS

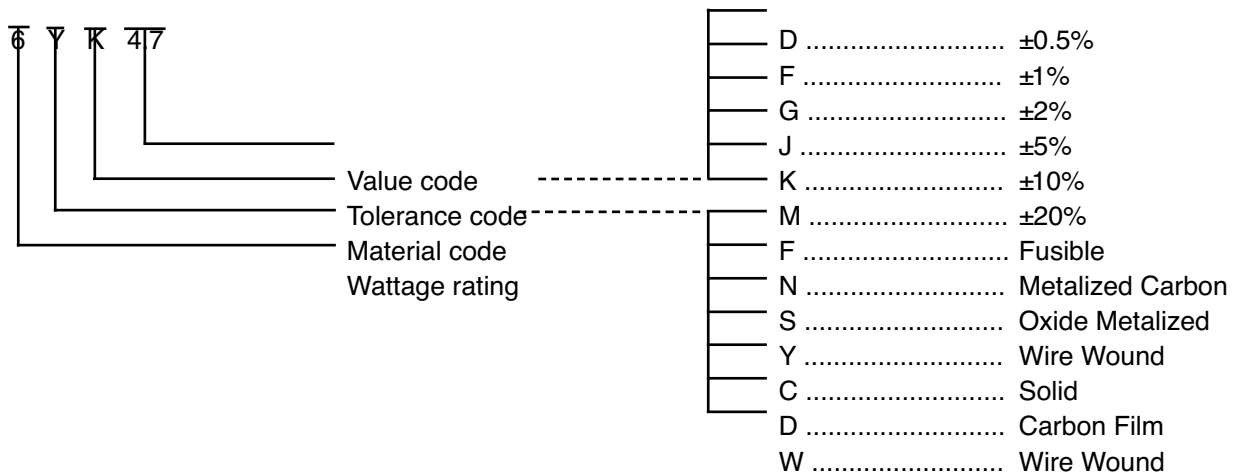


CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)-----




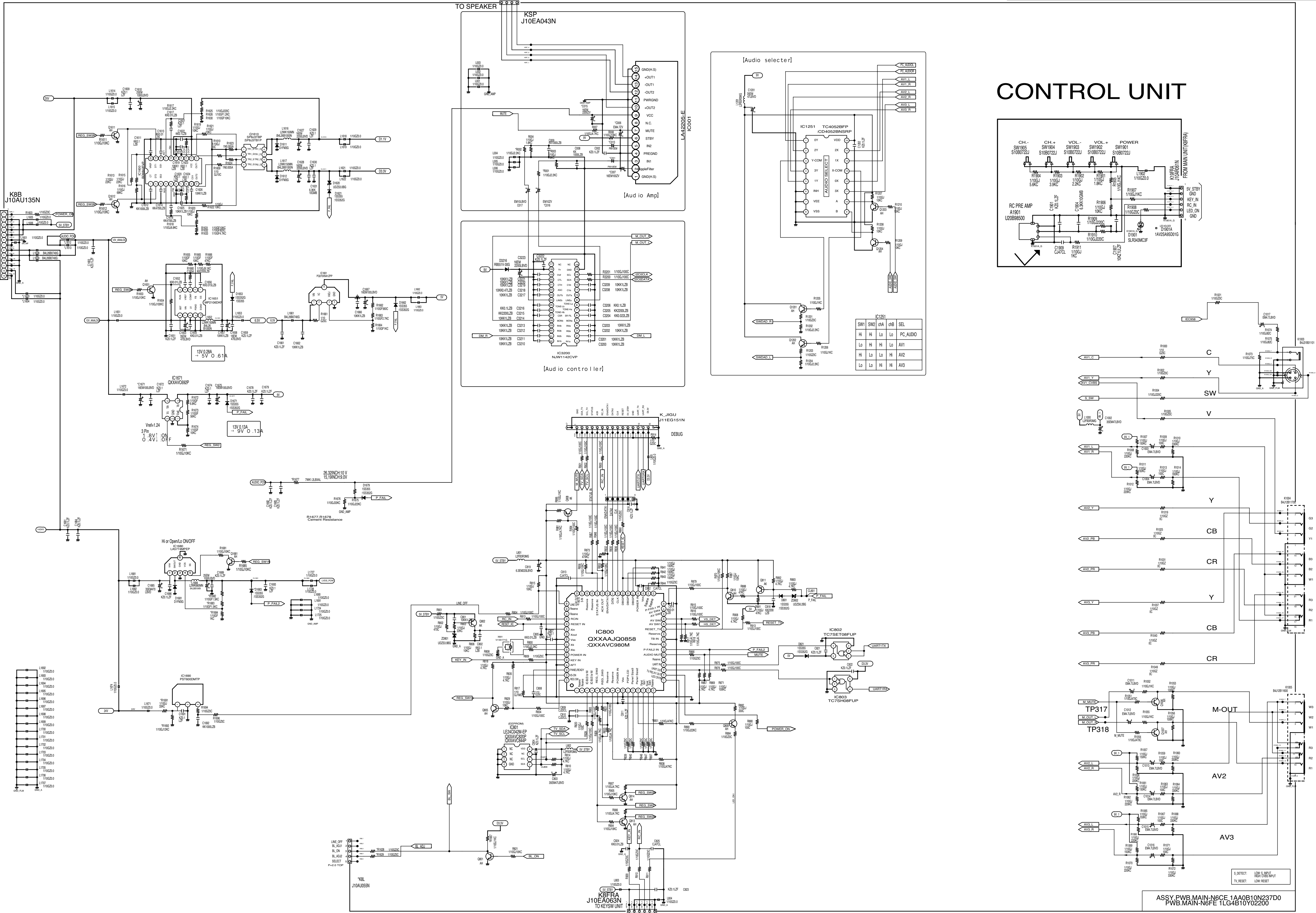
RESISTOR (Example)



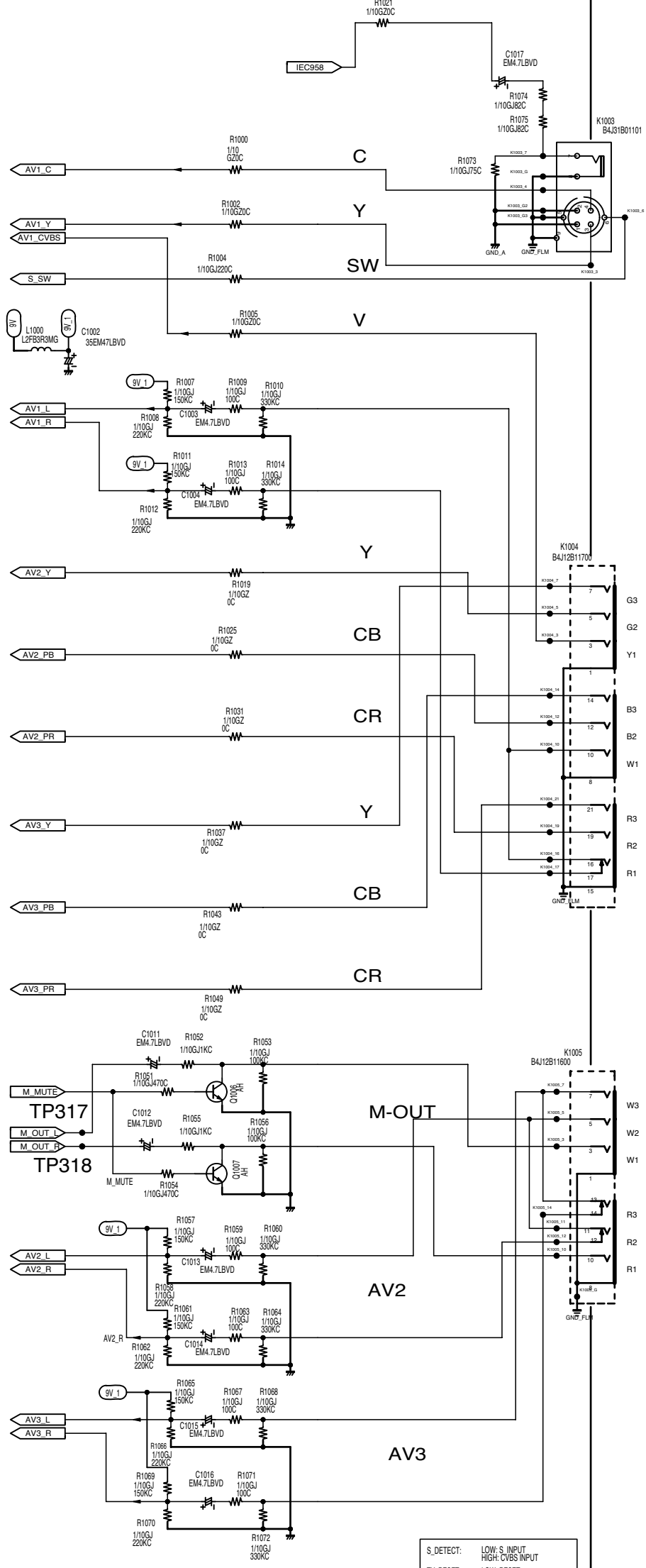
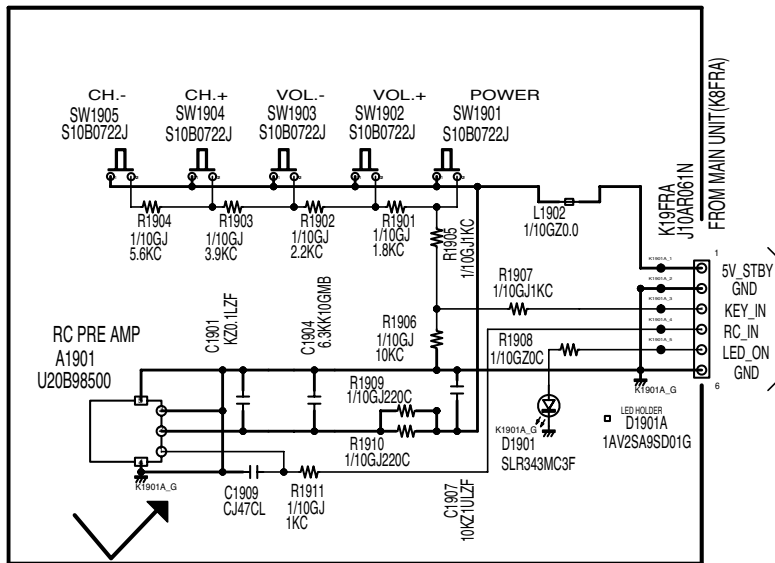
For parts or service contact

Sanyo Manufacturing Corporation
P.O. Box 2000
3333 Sanyo Road
Forrest City, Arkansas 72335-2000

 **ELECTROSTATICALLY SENSITIVE DEVICES**
Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.



CONTROL UNIT

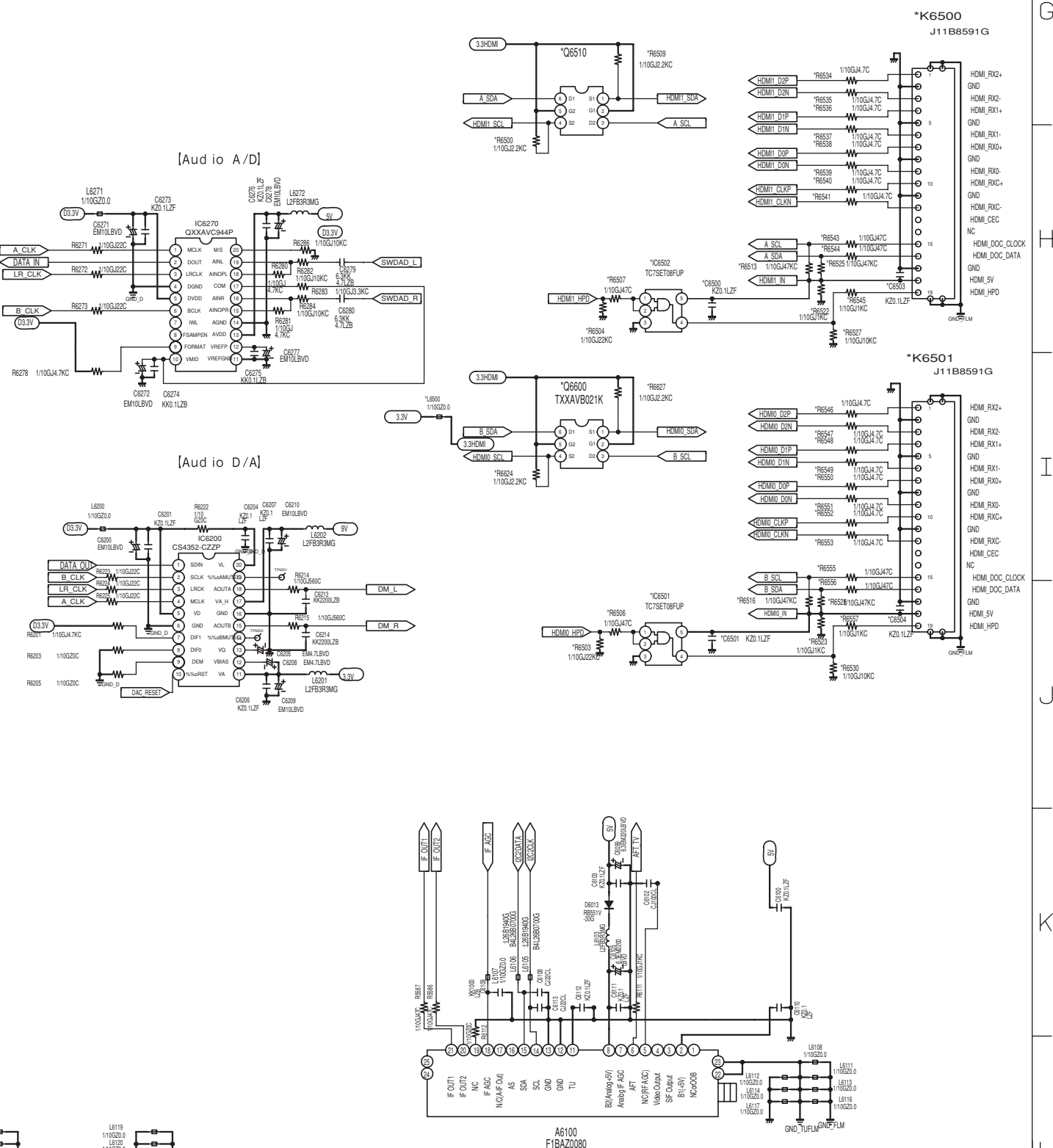
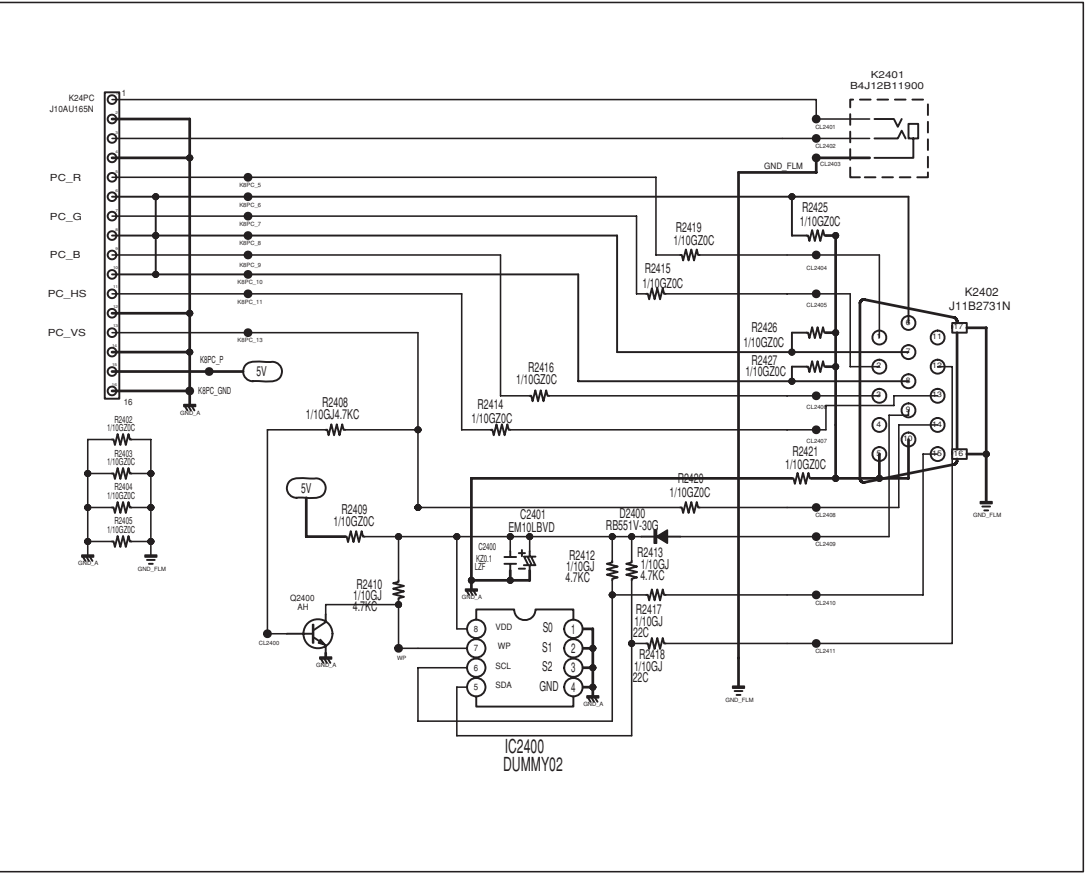


ASSY.PWB.MAIN-N6CE.1A0B10N237D0
PWB.MAIN-N6FE.1LG4B10Y02200

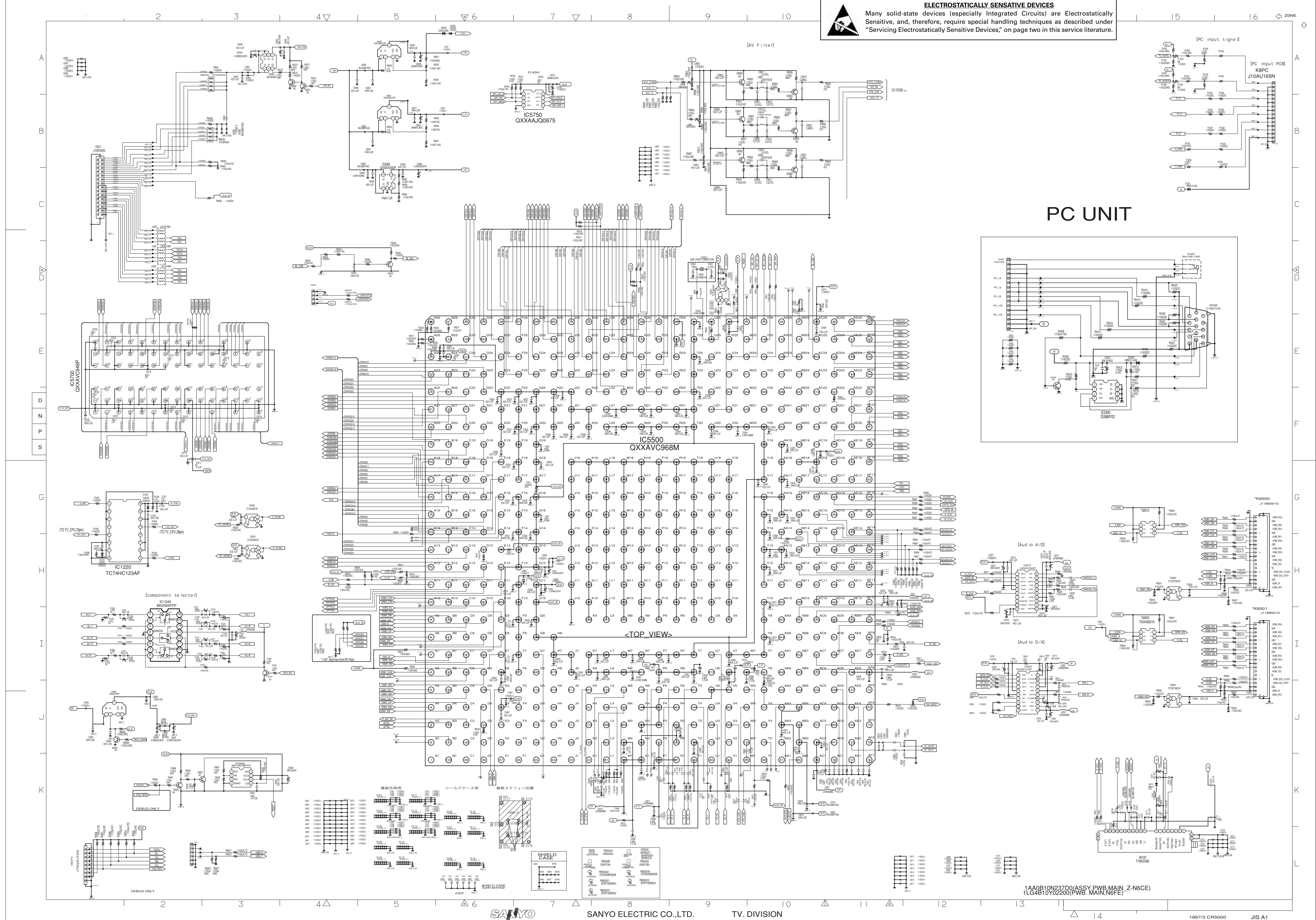


ELECTROSTATICALLY SENSATIVE DEVICES
Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

PC UNIT



1AA0B10N237D0(Assy PWB MAIN Z-N6CE)
1LG4510Y62200(PWB. MAIN,N6FE)



SANYO ELECTRIC CO.,LTD.

TV. DIVISION